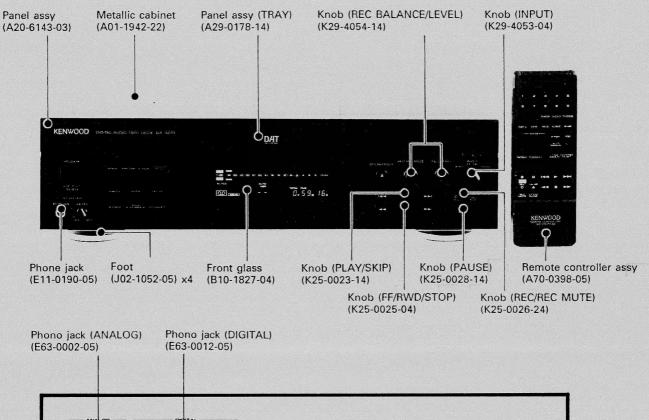
6ERV. 32 640 DIGITAL AUDIO TAPE DECK

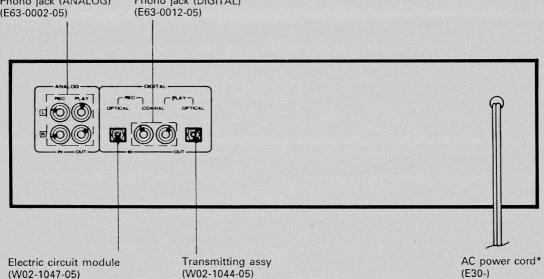
DX-7030

SERVICE MANUAL

KENWOOD

© 1991-2 PRINTED IN JAPAN B51-4249-00 (O) 3753



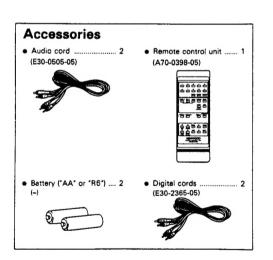


- * About circuit descriptions, refer to service manual (B51-4327-00).
- * Refer to parts list on page 46.

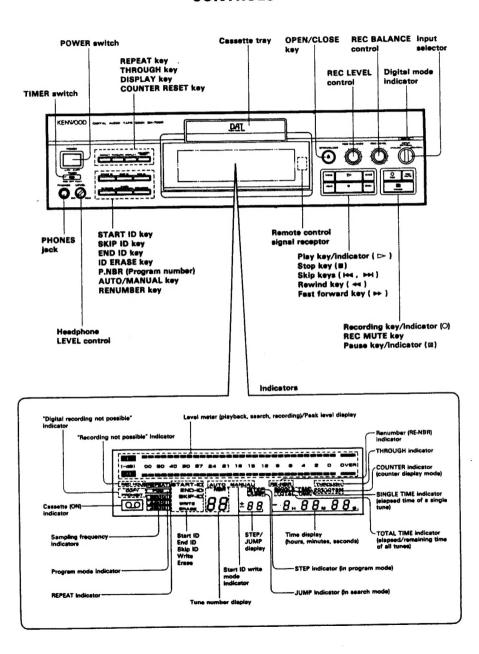
DX-7030

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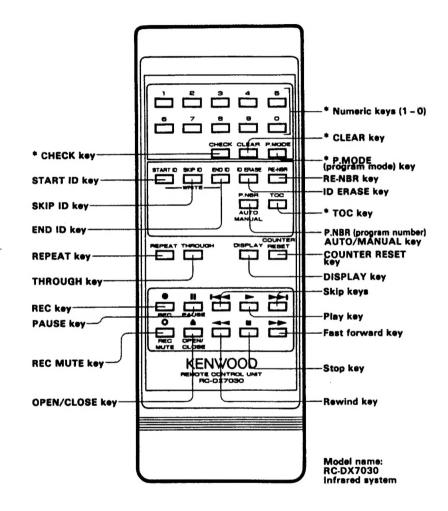


CONTROLS



REMOTE CONTROL OPERATION

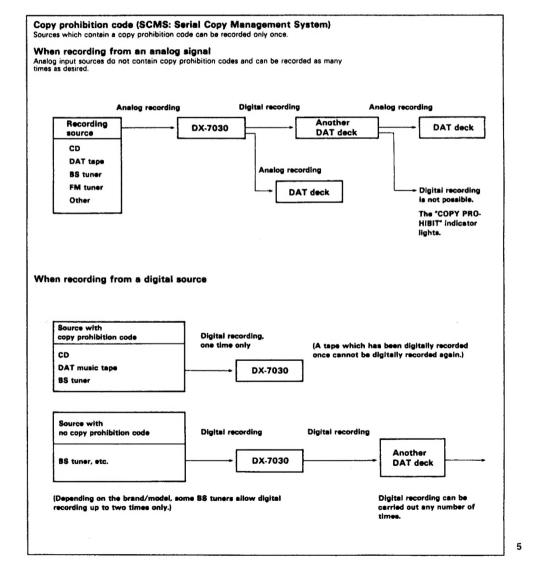
 Keys marked with an asterisk (*) are provided only on the remote control unit.



RECORDING DESCRIPTION

Sampling frequency
The sampling frequency is the division frequency used when an analog waveform is converted to digital.
The sampling frequency indicators light up according to the sampling frequency of the current input source.

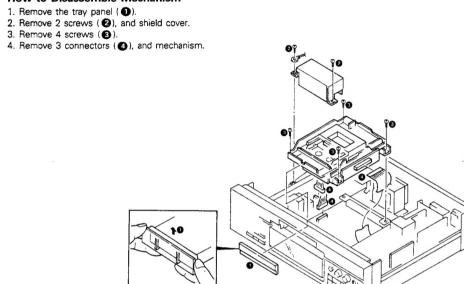
32kHz When a BS tuner is recorded or played in A mode; long playback DAT tapes
44kHz When CDs or DAT music tapes are recorded or played
48kHz When a BS tuner is recorded or played in B mode; when recording from an analog signal



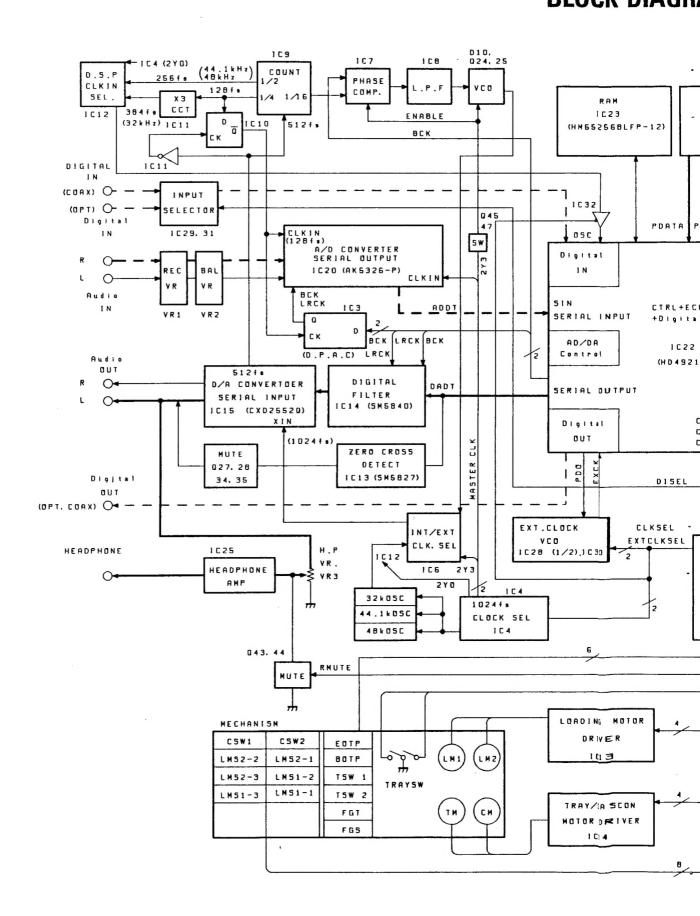
DX-7030

DISASSEMBLY FOR REPAIR

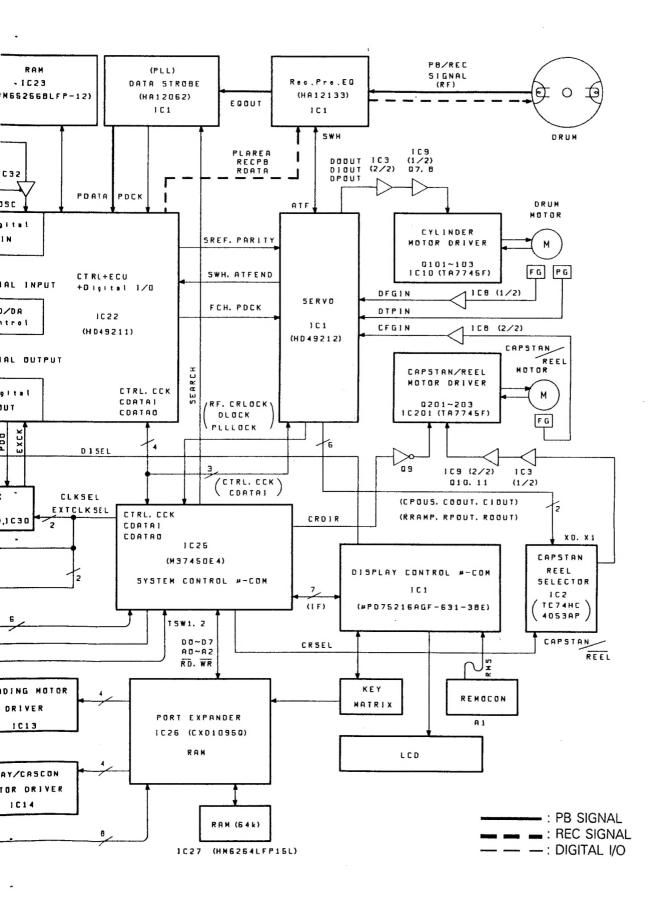
How to Disassemble Mechanism



DX-7030 D. BLOCK DIAGRA



30 DX-7030 ock diagram

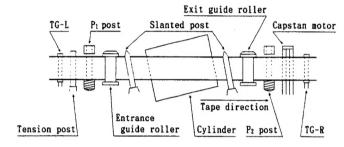


ADJUSTMENT (MECHANISM)

ADJUSTING THE MECHANISM

Tape Run Post System

The tape run post system consists of nine posts, cylinder, and capstan motor shown in the figure below. The capstan motor runs the tape at a constant speed and the tape runs steadily along the nine posts.



Position of Posts and Tape

Preparing for Adjustment

1. Checking the height of the guide roller

No adjustment is necessary unless the tape edges are wrinkled or folded. No adjustment is necessary unless the RF waveform is correct as shown in the figure.

2. Connection points of the measureing instrument

Connect the oscilloscope as follows:

CH1: CN7 pin 3 (RF)

CH2: CN8 pin 6 (SWH)

Trigger: Use the CH2 SWH. SWH "L" → Ach, "H" → Bch

- 3. Load the test tape TY7251 for the adjustment.
- 4. Turn on the test mode switch (S1) on the X29 board.

ADJUSTMENT (MECHANISM)

Adjustment

- 1. Press the PLAY key and check the RF waveform. Check the parts that require adjustment. (To be adjusted in the entrance or exit?)
- 2. Press the AUTO/MANUAL key and set to MANUAL. (The ATF servo goes off, then.)
- 3. According to the adjustment guide, adjust the RF envelope of each waveform the correct waveform.

Envelope waveform

	Tape i	floated	Tape	sunk	
	Entrance	Exit	Entrance	Exit	Correct waveform
			×	\square	
guide					
Adjustment	Turn the entrance	Turn the exit	Turn the entrance	Turn the exit guide	
guide	guide roller	guide roller	guide roller coun-	roller counter-	
	clockwise (lower	clockwise (lower	terclockwise (raise	clockwise (raise	
	the guide roller)	the guide roller)	the guide roller)	the guide roller)	
	to flatten	to flatten	to float the tape.	to float the tape.	
	the envelope.	the envelope.	Rotate the entrance	Rotate the exit	,
			guide roller	guide roller	
			clockwise to	clockwise to	
			flatten	flatten	
			the envelope.	the envelope.	

Note: Dot lines indicate the envelope waveform when the tape floats or sinks significantly,

After adjustment, lock the guide rollers with the guide roller clamp screw (in the unloading status). Play the tape again and check for any changes in the envelope waveform.

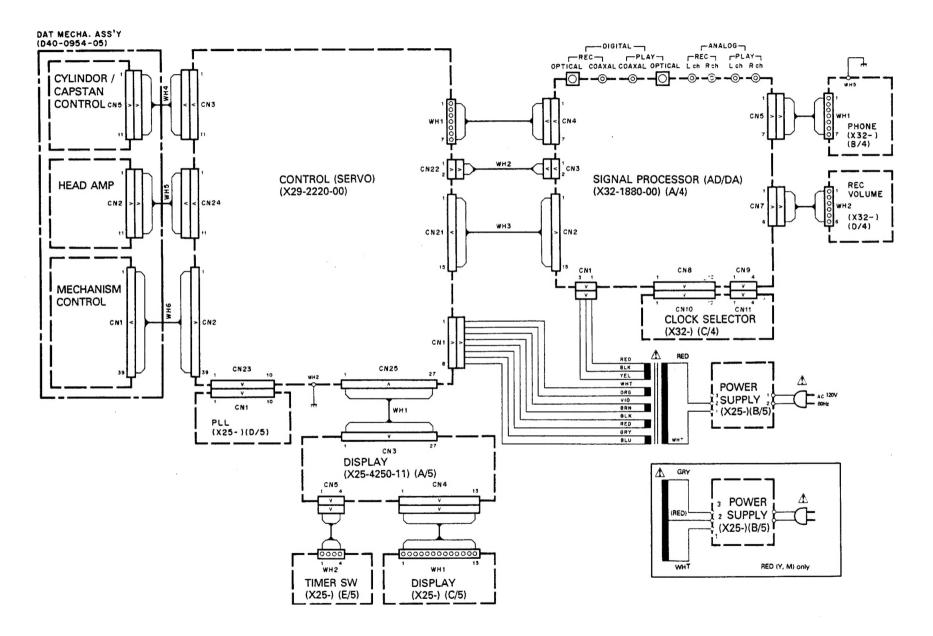
First, adjust the entrance guide foller to flatten the RF envelope. Next, adjust the exit guide roller.

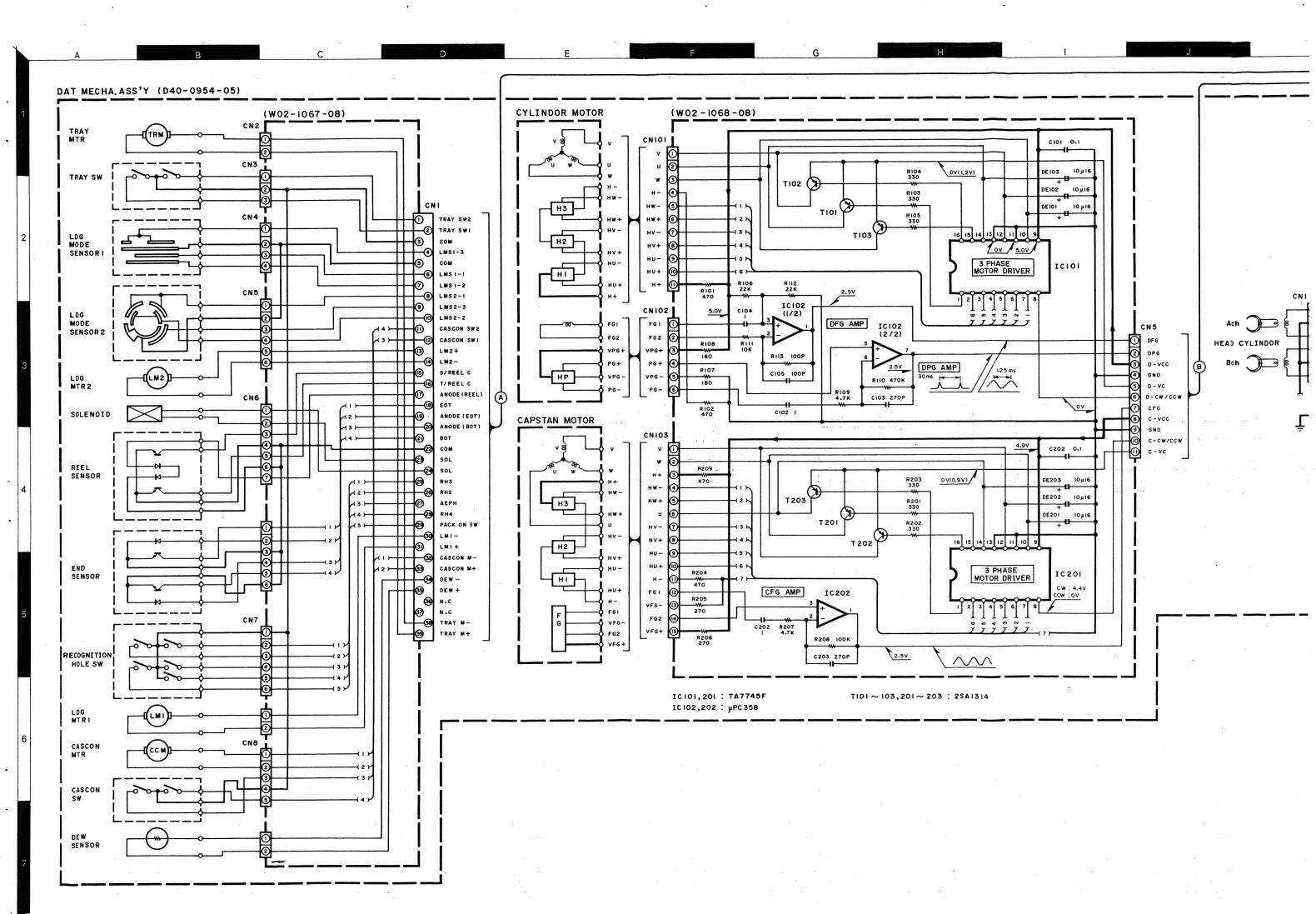
4. After adjustment, press the OPEN/CLOSE button to reload and press the PLAY key again. Confirm the RF envelope waveform is correct.

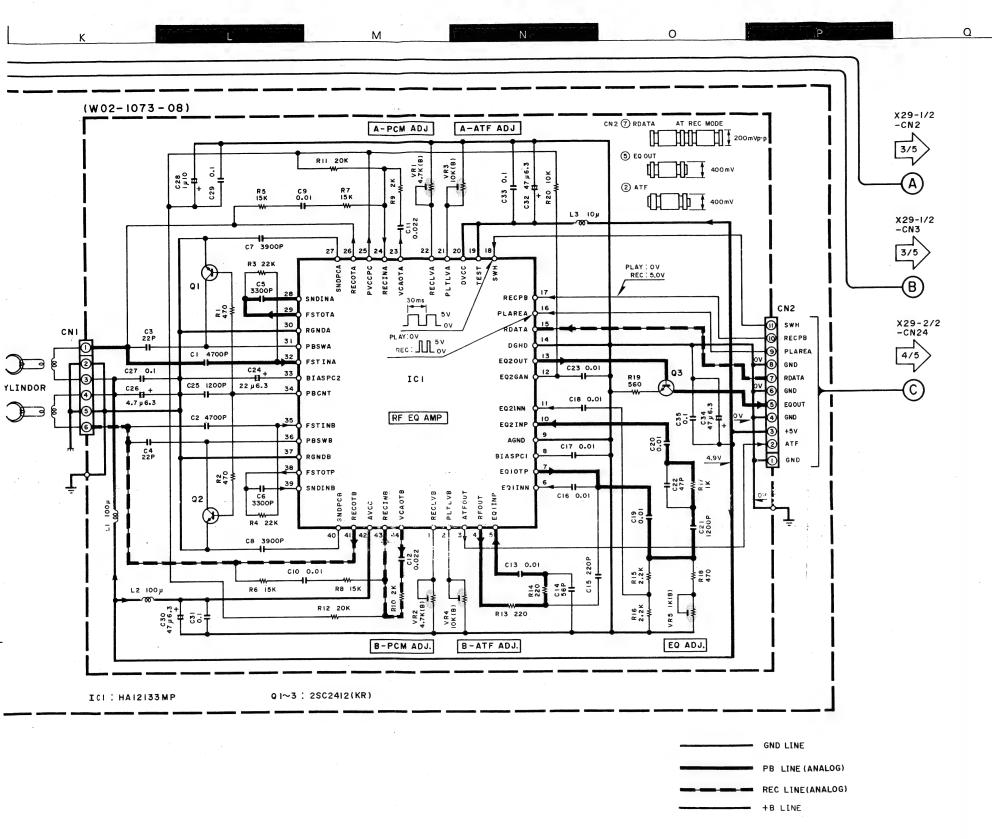
ADJUSTMENT (CIRCUIT)

No.	ITEM	I NPUT Setting	OUTPUT SETTING	SETTING	ALIGNMENT POINT	ALIGN FOR	PIG.
1	PLL FREE FUN FREQUENCY	9011179	X25-4250-00 Connect CN2-4 (EQ) to GND.	STOP	LI	8.35MHz	riv.
	ADJ.		Connect FREQ. counter to CN2-2 (PDCK). X29-2220-00 (1/2)	3101	LI	0.33802	
2	RFDT LEVEL	TY-7111 (LEYEL TAPE)	Connect an oscilloscope as follows: CH1: CM6-1 (RFDT) (DC Coupled) CH2: CM8-6 (SWH)	PLAY	VR1	ov 800av, p	
3	ATF GAIN	TY-7111 (LEYEL TAPE)	(DC Coupled) X29-2220-00 (1/2) Connect an oxiciloscope as follows: CH1: CN7-1 (PILOT) (AC Coupled) CH2: CN8-6 (SWH) (DC Coupled)	PLAY	Ach: VR3 Bch: VR4	PILOT Ach Beh Adjust a and b to 200mVp-p.	
4	TACH PULSE	TY-7251 (Tracking)	X29-2220-00 (1/2) Connect an oscilloscope as follows: CH1: CN6-4 (TACH) (DC Coupled) CH2: CN8-6 (SWH) (DC Coupled)	PLAY	VR2	RP Bodyst TACH pulse width.	
â	EQ ADJ	TY-7551 (PUNCTION)	X29-2220-00 (2/2) Connect an oscilloscope as follows: CH1: CM26-3 (FLAG) (DC Coupled)	PLAY	(RF unit of mechanism) VR5	Optimum eye pattern or mimimum pulse of "H" level.	
6	VCO(DIGITAL IN PLL)	Mon-Recorded tape. Connect DIGITAL SG (or CD player with DIGITAL-OUT) set to fs = 44.1kHz to DIGITAL IN.	X32-1880-00 Connect an AC voltmeter to CN12-FC.	TEST MODE RECORD	Lı	1.5 ± 0.2V	
		TEST TAPE TY-7111 (LEVEL)	X29-2220-00 (1/2) Connect an oscilloscope as follows: CH: CH7-3 (RF) (AC Coupled) CH2: CH8-6 (SWH) (DC Coupled) Trisser: CH2 X29-2220-00 (1/2)	PLAY		PCH AREA MARCII PCH AREA MARCII Amplitude JIME ATFI Check amplitude of PCI Area in Ach and Bch.	
7	RECORDING CURRENT (PCM 1.5MH2)	BLANK TAPE	Connect an oscilloscope as follows: CH1: CM7-3 (RF) (AC Coupled) CH2: CM8-6 (SWH) (DC Coupled) Trisger: CH2 If adjust Bch, set trigger to (*)	REC L REW L PLAY	Ach: YR2 Bch: YR1 (RP unit of mechanism)	Adjust PCM area's amplitude to the sam one in playback and recording repeatly.	
		TEST TAPE TY-7111 (LEVEL)	positive (1/2) Connect an oscilloscope as follows: CH1: CMT-1 (PILOT) (AC Coupled) CH2: CM8-6 (SWH) (DC Coupled) Trigger: CH2	PLAY		PILOT SIGNAL (Ach) AFFI PILOT CROSSTALK ATF2 Ach PILOT Signal Check pilot levels of Ach and Beh.	
8	RECORDING CURRENT (PILOT 130kHz)	BLANK TAPE	X29-2220-00 (1/2) Connect an oscilloacope as follows: CH1: CM7-1 (PILOT) (AC Coupled) CH2: CM8-6 (SM) (DC Coupled) Trisger: CH2: If adjust Beh. set trisger to (+) positive.	REC REU PLAY	Ach: YR4 Bch: YR3 (RF unit of mechanicm)	Adjust amplitude of pilot levels to the same in playback and recording repeatly.	

^{*} Connect an oscilloscope CH2 to SWH terminal for triggering while adjustment No.2 to 5.

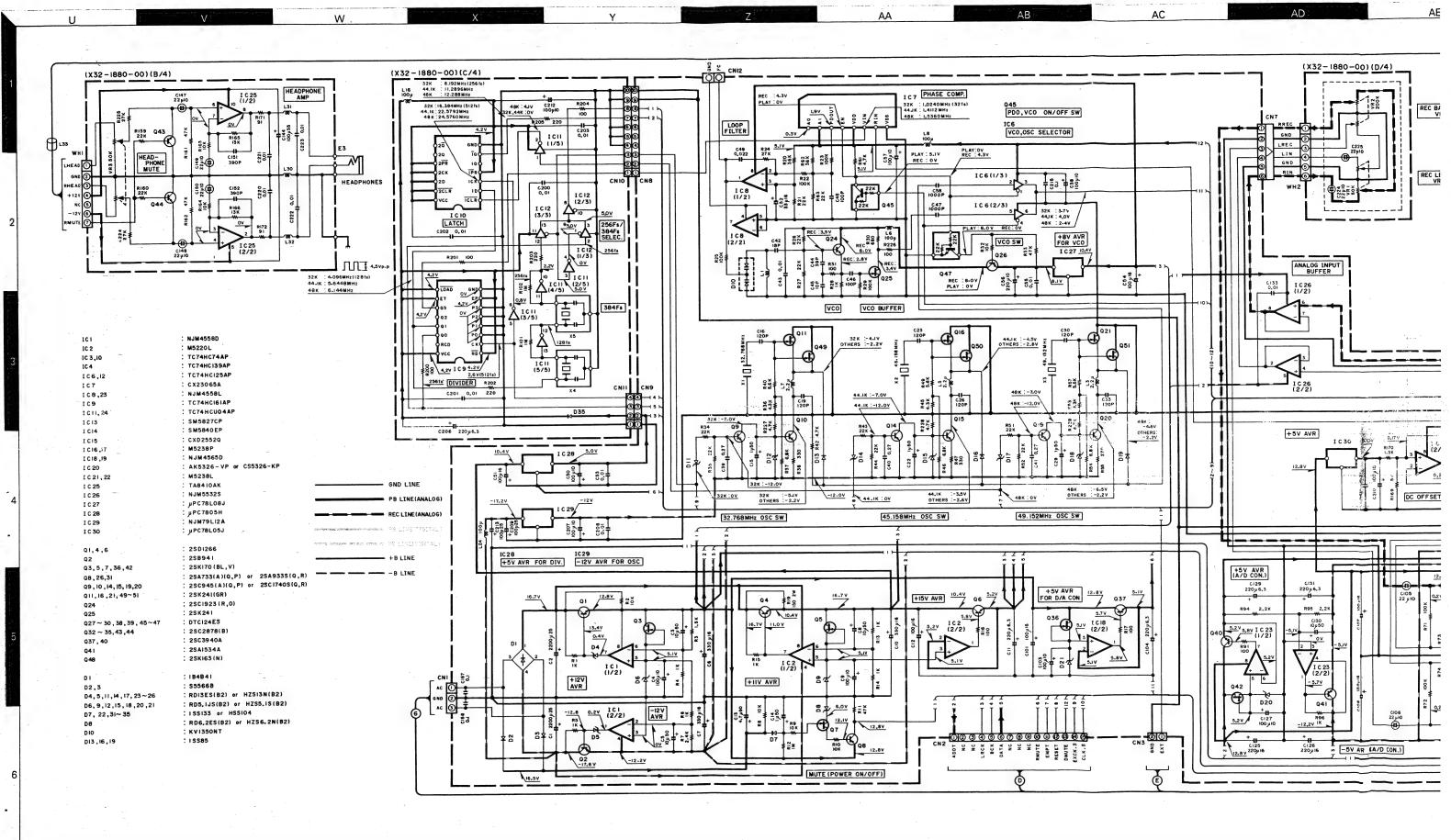


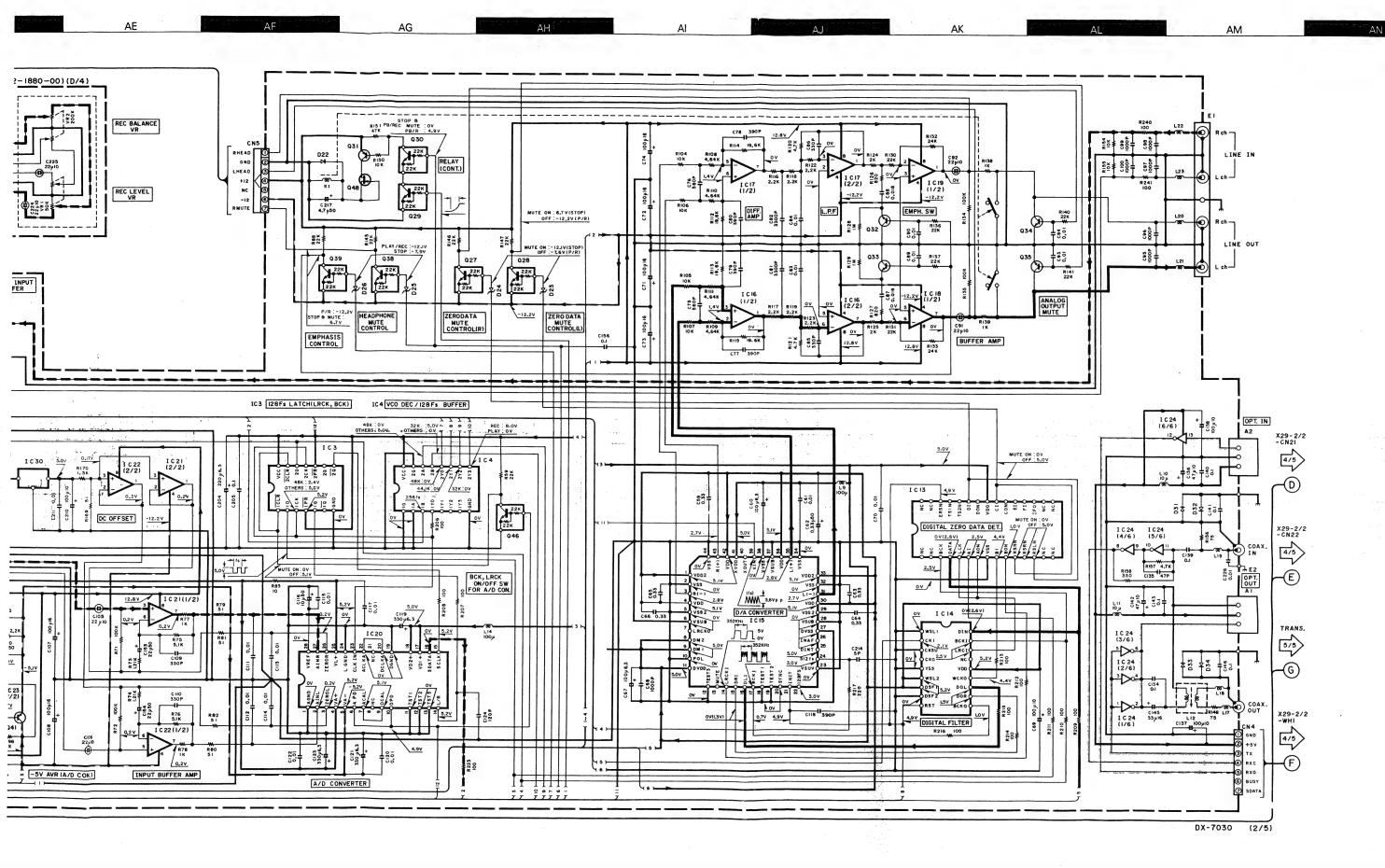




 DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). \triangle Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.



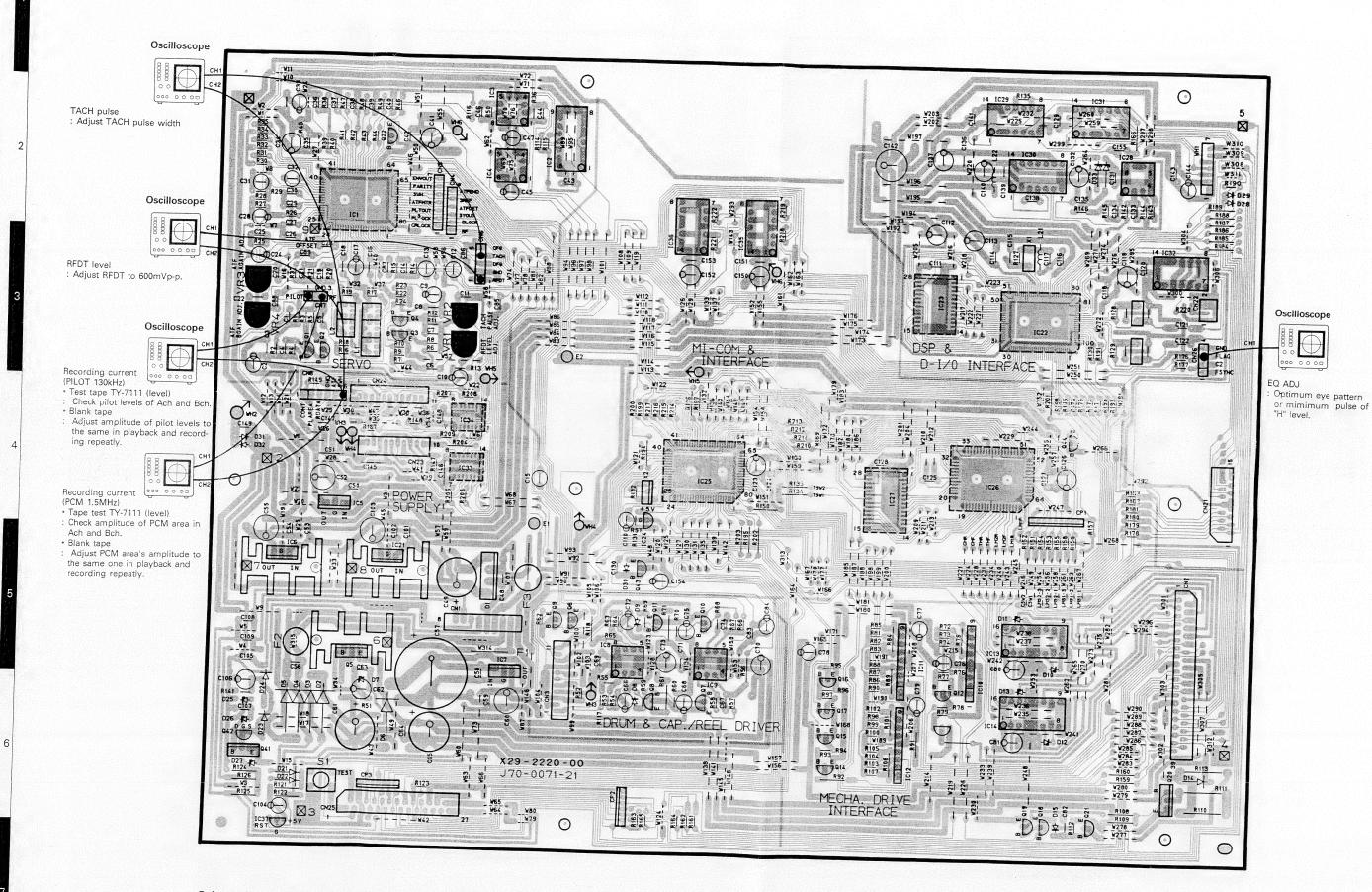


 DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

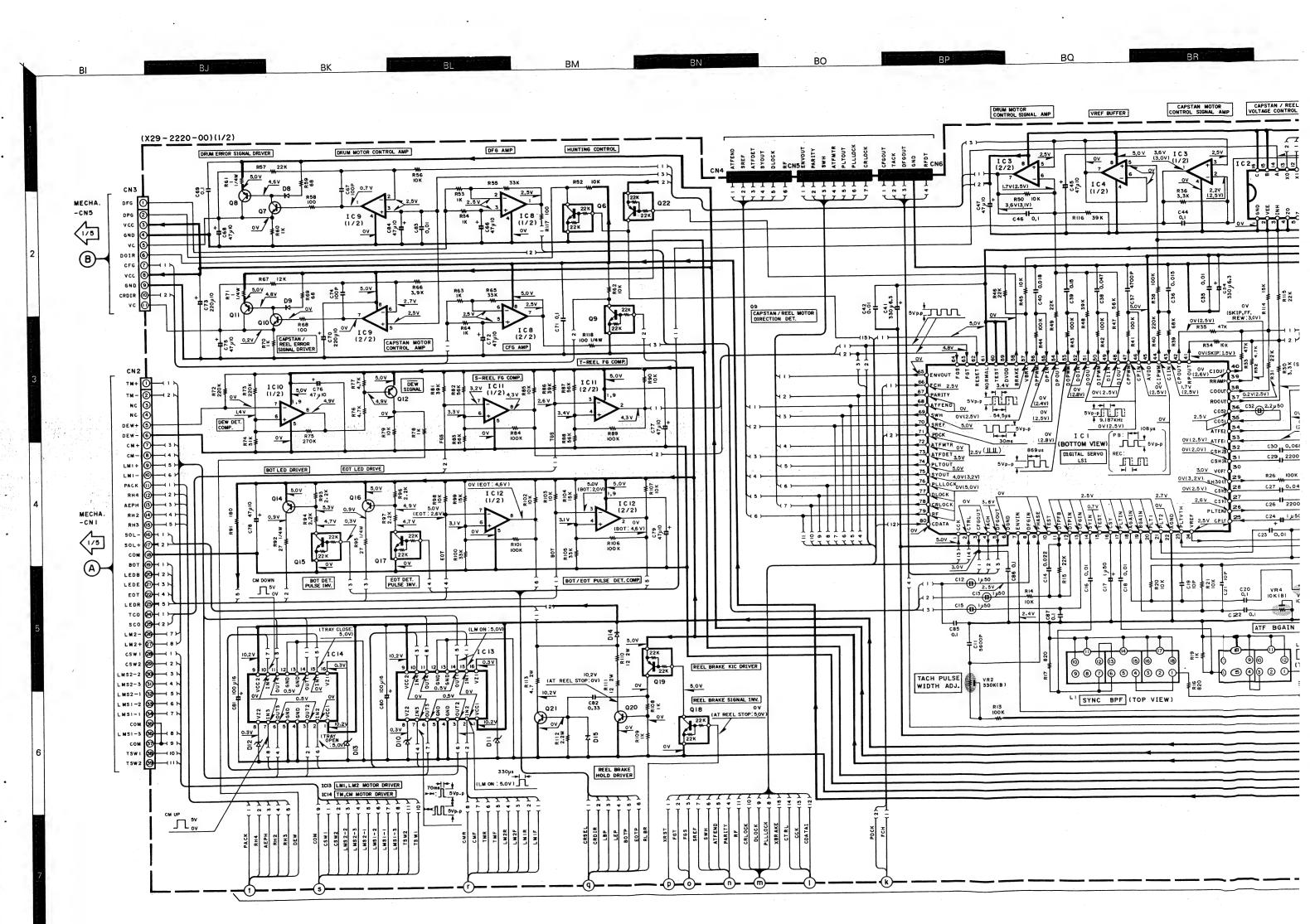
CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). A Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

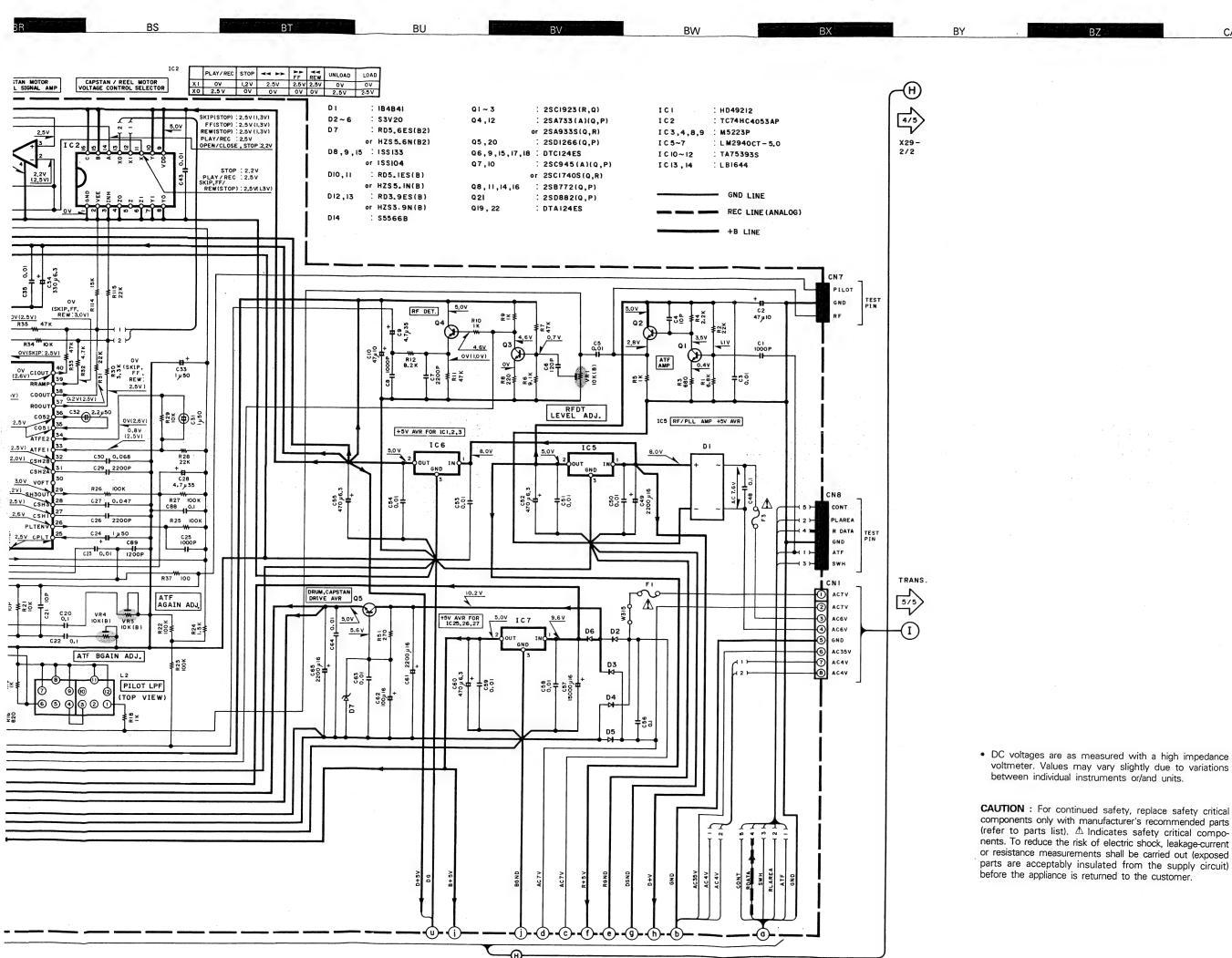


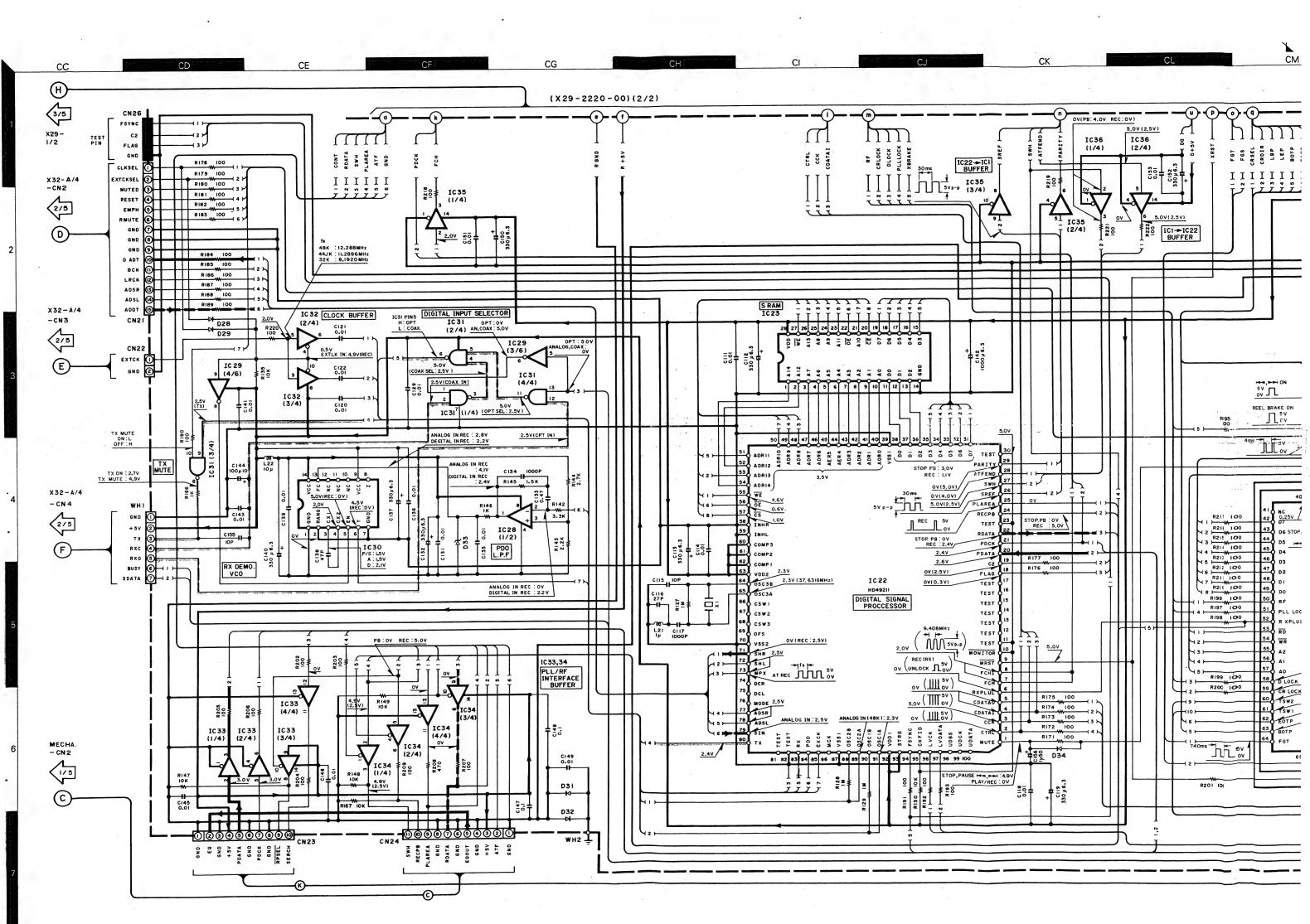
Refer to the schematic diagram for the values of resistors and capacitors.

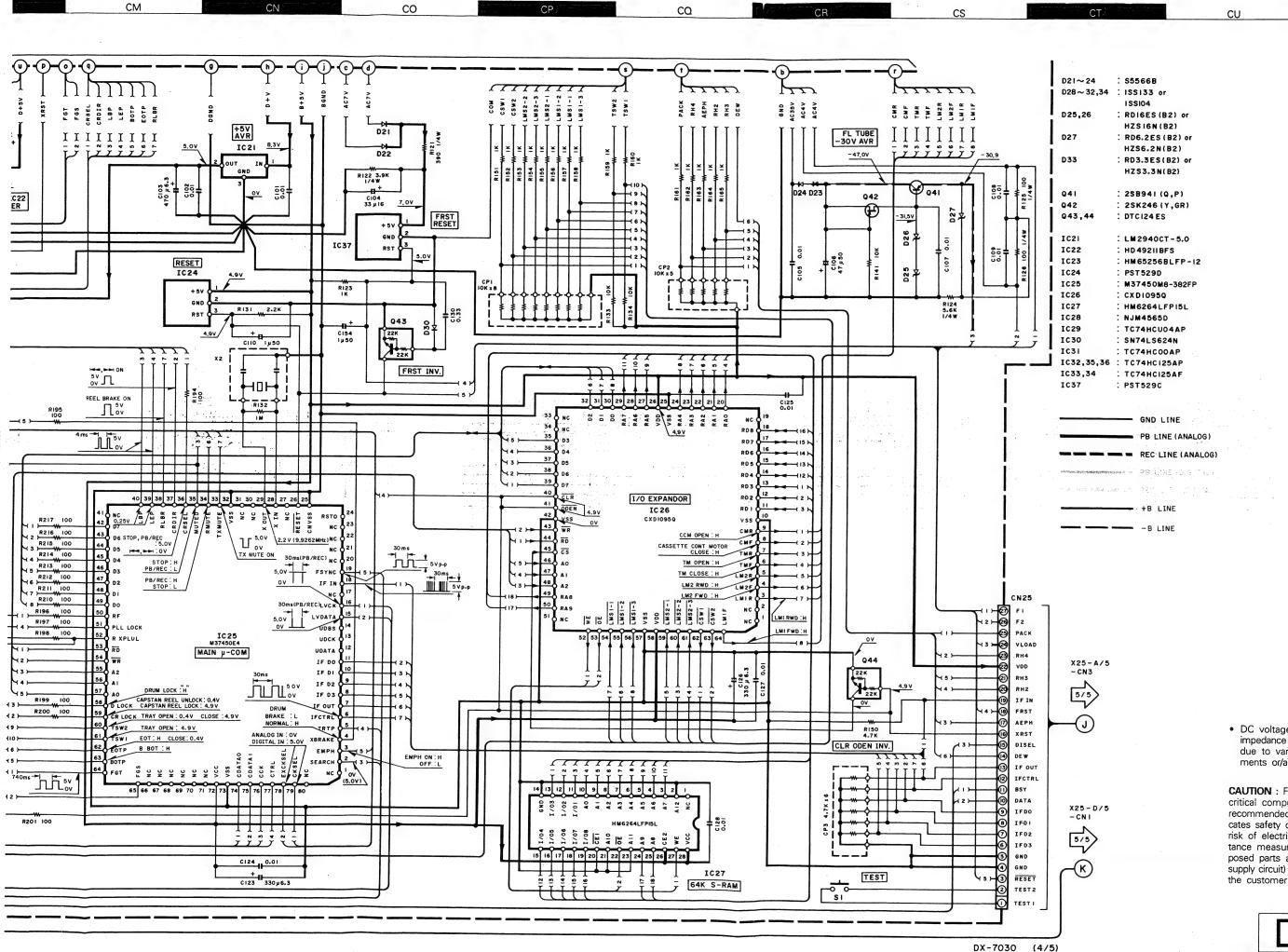


Refer to the schematic diagram for the values of resistors and capacitors.









 DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). \(\triangle \) Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

DX-7030 KENWOOD

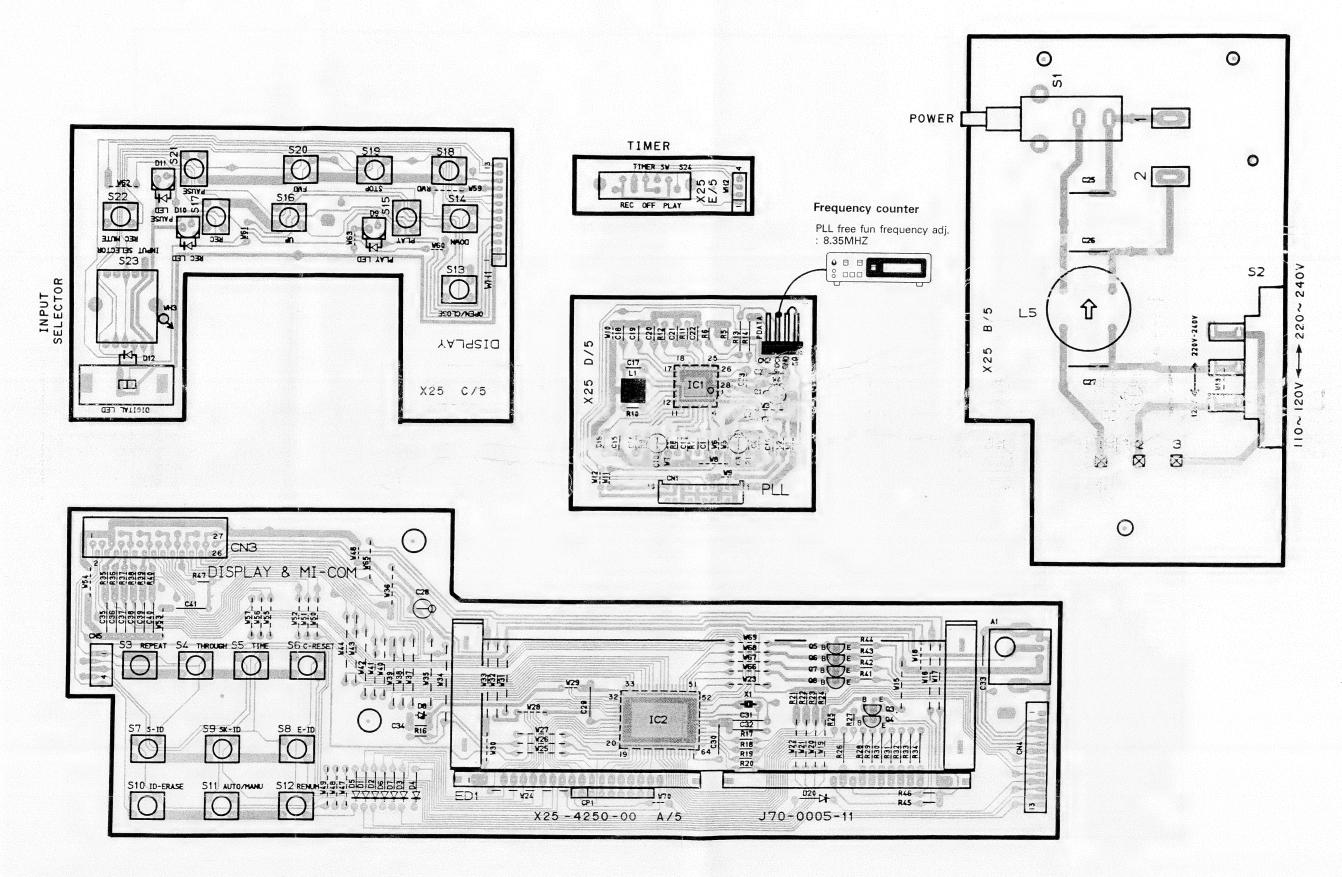
Y27-1040-11

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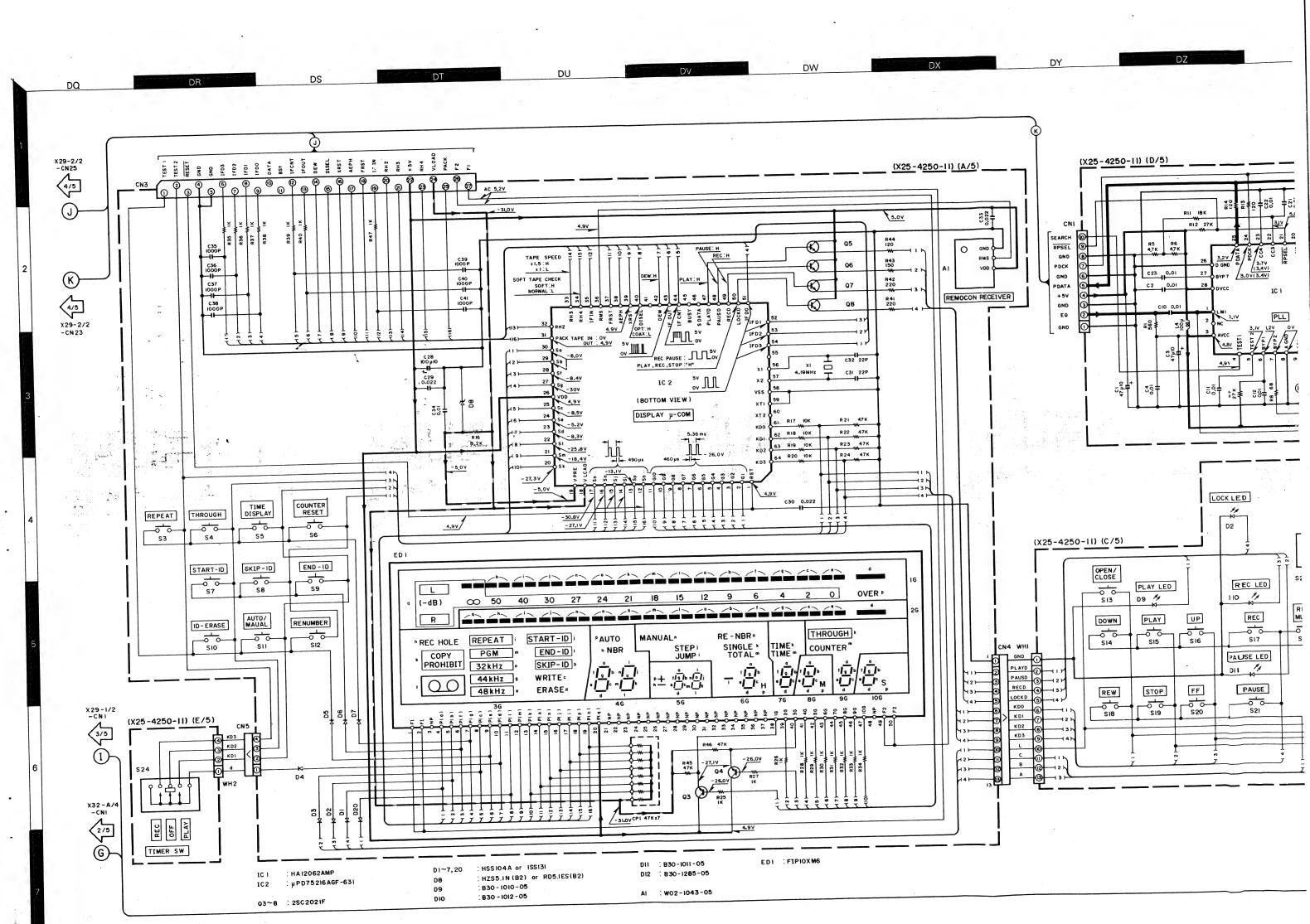
Refer to the schematic diagram for the values of resistors and capacitors.

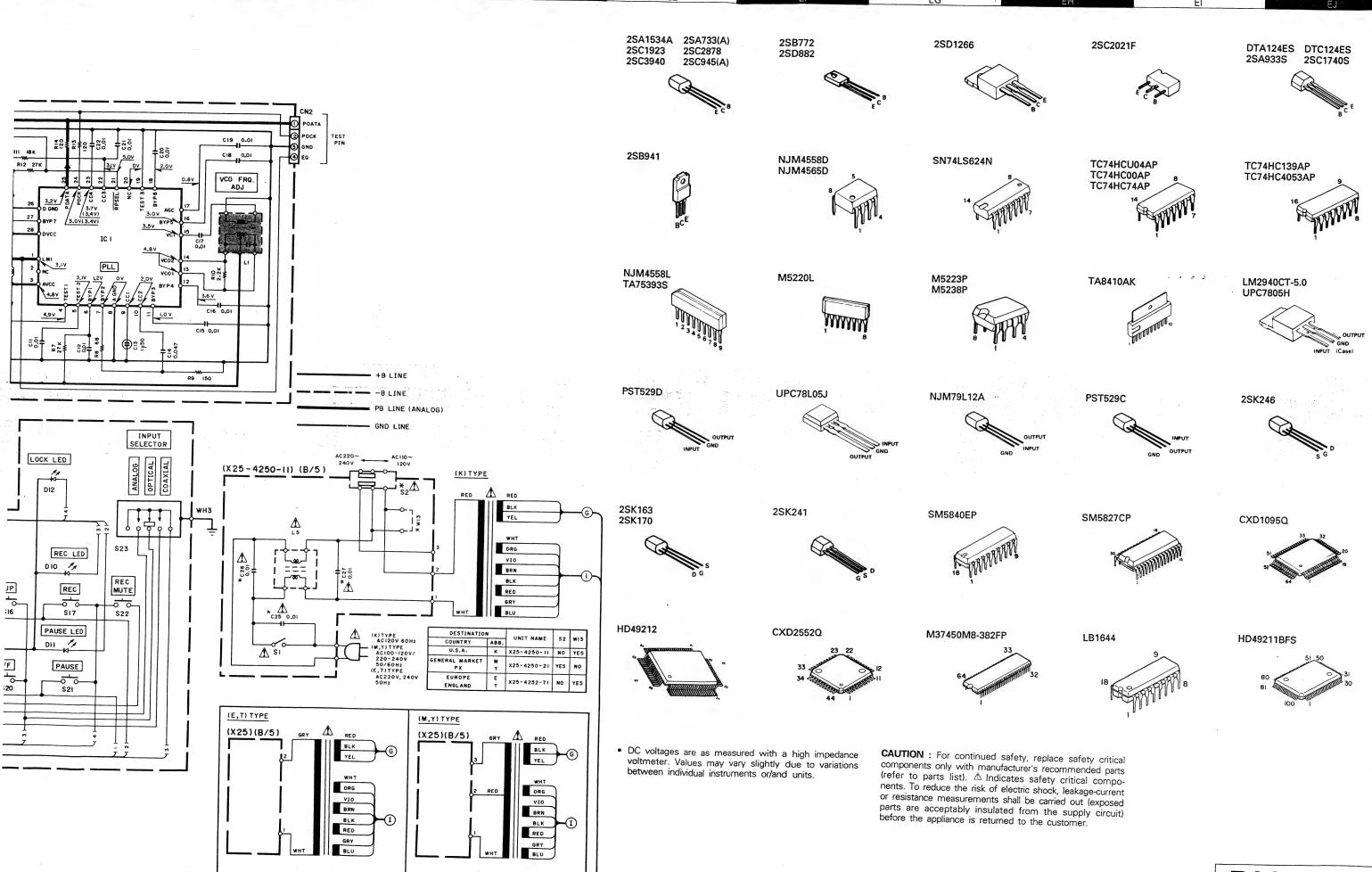
0

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Refer to the schematic diagram for the values of resistors and capacitors.

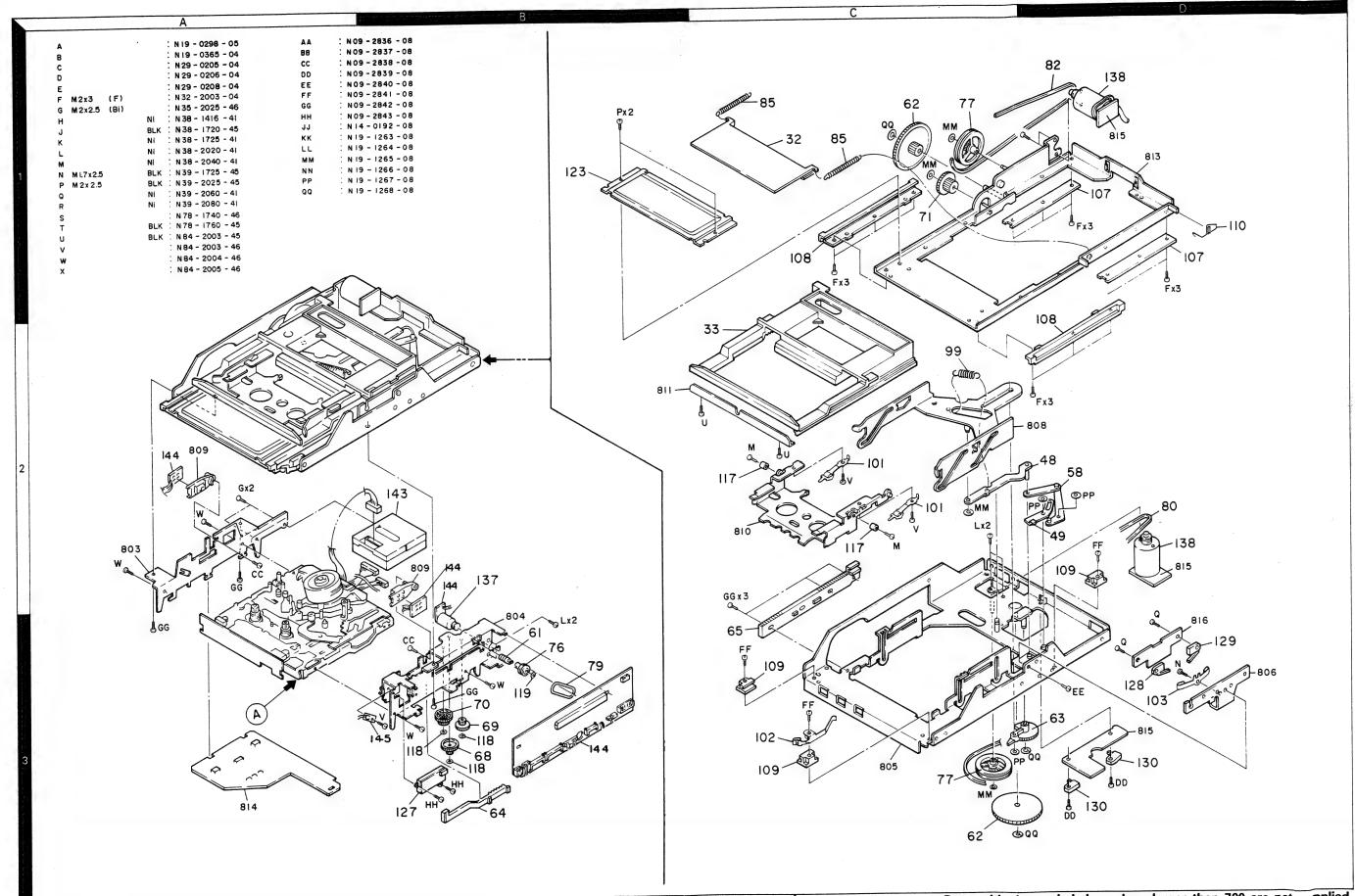




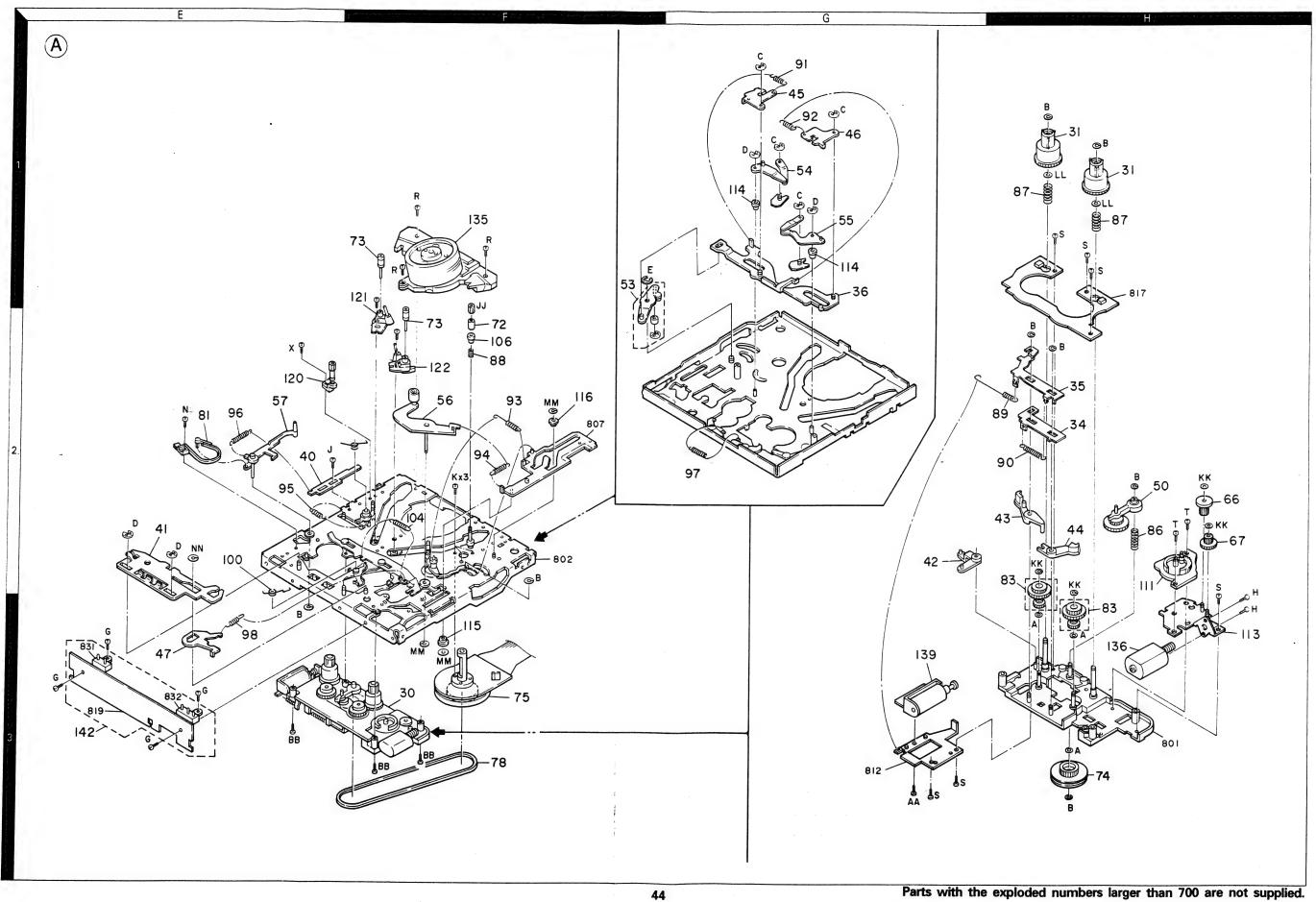
DX-7030(K)(5/5)

DX-7030

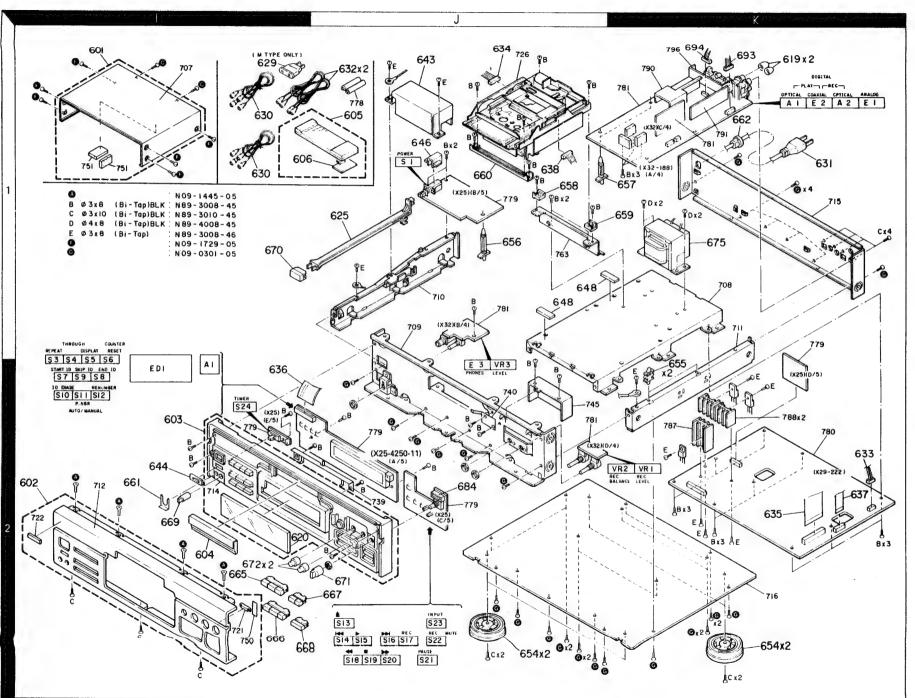
DX-7030 DX-7030 EXPLODED VIEW (MECHANISM)



DX-7030 DX-7030 **EXPLODED VIEW (MECHANISM)**



EXPLODED VIEW (UNIT)



Les articles non mentionnes dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

Ref. No.	Address	New	Parts No.	Description	Desti-	Re-
参照番号	位置	9 7	部品等号	都 品 名/境 核	nation 住 向	mark
			C	X-7030		-
601 602	1 I 2 I	*	A01-1942-22	METALLIC CABINET ASSY		Т
603	21	*	A20-6143-03 A22-1457-02	PANEL ASSY	1	
604	21	*	A29-0178-14	SUB PANEL ASSY PANEL ASSY (TRAY)		
605	1J	*	A70-0398-05	REMOTE CONTROLLER ASSY		
606	11		A09-0078-08	BATTERY COVER		
619	1 K		B09-0068-05	CAP		
620	21	*	B10-1827-04	FRONT GLASS		1
_		1	B46-0092-03	WARRANTY CARD	K	i .
-			B46-0094-03 B46-0095-03	WARRANTY CARD WARRANTY CARD	Y	
_			B46-0122-13	WARRANTY CARD	E	
-			B46-0143-13	WARRANTY CARD	Ť	
-			B58-0513-04	CAUTION CARD (PRESET220-240)	Ÿ	
-		*	B60-0297-00 B60-0298-00	INSTRUCTION MANUAL(ENGLISH) INSTRUCTION MANUAL(FRENCH)	E -	
_		*	B60-0299-00			
-		*	B60-0300-00	INSTRUCTION MANUAL(SPANISH) INSTRUCTION MANUAL(GER/DUT)	M E	
-		*	B60-0432-00	INSTRUCTION MANUAL (CHINESE)	M	
-		*	B60-0433-00	INSTRUCTION MANUAL (ITALIAN)	Ë	
625	1J	*	D21-1103-13	EXTENSION SHAFT		
629	11		E03-0115-05	AC PLUG ADAPTER	М	
631	1K		E30-0459-05	AC POWER CORD	ME	
631 631	1K		E30-0505-05	AUDIO CORD		
631	1 K		E30-0780-05 E30-0812-05	AC POWER CORD	K	
631	1K				1	
632	11	1	E30-1416-05 E30-2365-05	AC POWER CORD	T	
633	2K	*	E35-0016-05	CORD WITH PLUG WIRING HARNESS (2P, X29)		Į
634	1J	*	E35-0017-05	WIRING HARNESS (11P, GREEN)		
635	2K	*	E35-0018-05	FLAT CABLE (X29)		
636	21	*	E35-0019-05	FLAT CABLE		
637	2K	*	E35-0020-05	FLAT CABLE (X29)		ļ
638	1J	*	E35-0046-05	WIRING HARNESS (11P, WHITE)		
643	1J	*	F07-0577-13	COVER		
644	21	*	F19-1028-04	BLIND PLATE		
646	1J	*	F29-0106-04	INSULATING COVER	YMTE	
648	1J	*	G10-0169-04	NON-WOVEN FABRIC		
_		*	G11-2046-04	SOFT TAPE		
-		*	G11-2060-04 G11-2061-04	SOFT TAPE SOFT TAPE		
_			H01-8912-04	ITEM CARTON CASE		
-		*	H10-5071-02	POLYSTYRENE FOAMED FIXTURE		
-		*	H10-5072-02	POLYSTYRENE FOAMED FIXTURE	li	
-			H20-0568-04 H25-0232-04	PROTECTION COVER	M	
_			H25-0368-04	PROTECTION BAG (235X350X0.03) PROTECTION BAG	VVTD.	
					KYTE	
554 555	2J,2K 2K		J02-1052-05	FOOT		
556	2K 1J		J19-2855-15 J19-3163-05	UNIT HOLDER UNIT HOLDER		

Scandinavia	&	Europe	K: USA	

P: Canada W:Europe

Y: PX(Far East, Hawaii) T: England M: Other Areas Y: AAFES(Europe) X: Australia

▲ indicates safety critical components.

× New Parts

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	Ref. No.	Address to ■	Parts		Description	nation	Re-
Δ	657 658 659 660 661	1K 1J 1K 1J 2I	新本本本本	新品費号 J19-3329-05 J19-3336-04 J19-3337-04 J19-3338-03 J21-3326-05	都 是 名/ 境 格 UNIT HOLDER HOLDER HOLDER HOLDER JACK MOUNTING HARDWARE	仕 向	備考
	662	1K	*	J42-0083-05 J21-5666-04 J61-0033-05 J61-0307-05	POWER CORD BUSHING MOUNTING HARDWARE WIRE BAND WIRE BAND		
	665 666 667 668 669	2I 2I 2J 2I 2I 2I	* * *	K25-0023-14 K25-0025-04 K25-0026-24 K25-0028-14 K29-2507-04	KNOB ASSY (PLAY/SKIP) KNOB (FF/RWD/STOP). KNOB ASSY (REC/REC MUTE) KNOB ASSY (PAUSE) KNOB (LEVEL)		
	670 671 672	1 I 2 J 2 I	*	K29-3835-04 K29-4053-04 K29-4054-14	KNOB (POWER) KNOB (INPUT) KNOB (REC BALANCE/LEVEL)		
A	675 675 675 675	1 K	* *	L07-0199-15 L07-0200-15 L07-0201-15 L92-0028-05	POWER TRANSFORMER POWER TRANSFORMER POWER TRANSFORMER FERRITE CORE	K TE YM TE	
	A B C D			N89-3010-46 N09-1445-05 N89-3008-45 N89-3010-45 N86-4006-45	BINDING HEAD TAPTITE SCREW SET SCREW (M3X8) BINDING HEAD TAPTITE SCREW BINDING HEAD TAPTITE SCREW BINDING HEAD TAPTITE SCREW		
	E F G			N89-3008-46 N09-1729-05 N09-0301-05	BINDING HEAD TAPTITE SCREW TAPTITE SCREW (4X8) TAPTITE SCREW (3X8)		
				DISPLAY	(X25-4250-11)		
	684	2J	*	A33-0121-04	REFLECTOR		
	D9 D10 D11 D12			B30-1010-05 B30-1012-05 B30-1011-05 B30-1285-05	LED(SLP-281F-50U) LED(SLP-981C-50) LED(SLP-481C-50) LED		
	C1 C2 C3 C4 C10 -12			CE04KW1A470M CK45FF1H103Z CE04KW1A470M CK45FF1H103Z CK45FF1H103Z	ELECTRO 47UF 10WV CERAMIC 0.010UF Z ELECTRO 47UF 10WV CERAMIC 0.010UF Z CERAMIC 0.010UF Z		
▲	C13 C14 C15 -23 C25 -27 C28			C90-1349-05 CF92FV1H473J CK45FF1H103Z C91-0971-05 CE04KW1A101M	NP-ELEC 1UF 50WV MF 0.047UF J CERAMIC 0.010UF Z FILM 0.01UF 250WV ELECTRO 100UF 10WV		
	C29 ,30 C31 ,32 C33 C34 C35 -41			C91-0085-05 C91-0729-05 C91-0085-05 CK45FF1H103Z C91-0757-05	CERAMIC 0.022UF N CERAMIC 22PF J CERAMIC 0.022UF N CERAMIC 0.010UF Z CERAMIC 1000PF K		
▲	L1 L4 L5		*	L32-0524-05 L40-1011-17 L79-0733-05	OSCILATING COIL SMALL FIXED INDUCTOR(100UH,K) LINE FILTER		
			_				

E: Scandinavia & Europe K: USA

P: Canada W:Europe

Y: PX(Far East, Hawaii) T: England Y: AAFES(Europe) X: Australia

M: Other Areas

▲ indicates safety critical components.

* New Parts

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Telle onne Parts No. werden nicht geliefert.

	Ref. No.	Address	New	Parts No.	Description	Desti- nation	Re- marks
	参照番号	位置	Ħ	部 品 番 号	第 品 名/規 格		養考
	X1			L77-1176-05	CRYSTAL RESONATOR		
	CP1			R90-0438-05	MULTI-COMP 47KX7 J 1/6W		
7	S1 S2 S3 -22 S23 S24	1J 2I,2J 2J 2I		\$40-1153-05 \$31-2131-05 \$40-1064-05 \$29-1151-05 \$31-1030-05	PUSH SWITCH (POWER) SLIDE SWITCH (POWER TYPE) PUSH SWITCH (20KEY) ROTARY SWITCH(INPUT) SLIDE SWITCH (TIMER)	YM	
	D1 -7 D1 -7 D8 D8 D20			HSS104A 1SS131 HZS5.1N(B2) RD5.1ES(B2) HSS104A	DIODE DIODE ZENER DIODE ZENER DIODE DIODE		
	D20 ED1 IC1 IC2 Q3 -8	21	* * *	1SS131 FIP10XM6 HA12062AMP UPD75216AGF-631 2SC2021F	DIODE FLUORESCENT INDICATOR TUBE IC(PLL) IC(DISPLAY u-COM) TRANSISTOR		-
	A1	1K		W02-1043-05	OPTIC RECEIVING MODULE	<u> </u>	
	C1				(X29-2220-00)		
	C2 C3 C4 C5			CF92FV1H102J CE04KW1A470M CK45FF1H103Z CC45FSL1H100D CF92FV1H103J	MF		
	C6 C7 C8 C9 C10			CC45FSL1H121J CF92FV1H222J CF92FV1H102J CE04KW1V4R7M CE04KW1A470M	CERAMIC 120PF J MF 2200PF J MF 1000PF J ELECTRO 4.7UF 35WV ELECTRO 47UF 10WV		
	C11 C12 ,13 C14 C15 C16			CF92FV1H562J C90-1349-05 CF92FV1H223J C90-1349-05 CF92FV1H103J	MF 5600PF J NP-ELEC 1UF 50WV MF 0.022UF J NP-ELEC 1UF 50WV MF 0.010UF J		
	C17 C18 C19 C20 C21			CE04KW1H010M CF92FV1H103J CC45FSL1H100D CF92FV1H104J CC45FSL1H100D	ELECTRG 1.0UF 50WV MF 0.010UF J CERAMIC 10PF D MF 0.10UF J CERAMIC 10PF D		
	C22 C23 C24 C25 C26			CF92FV1H104J CF92FV1H103J CE04KW1H010M CF92FV1H102J CF92FV1H222J	MF 0.10UF J MF 0.010UF J ELECTR® 1.0UF 50WV MF 1000PF J MF 2200PF J		
	C27 C28 C29 C30 C31			CF92FV1H473J CE04KW1V4R7M CF92FV1H222J CF92FV1H683J C90-1349-05	MF 0.047UF J ELECTRO 4.7UF 35WV MF 2200PF J MF 0.068UF J NP-ELEC 1UF 50WV		
	C32 C33 C35			C90-1350-05 CE04KW1H010M CE04KW0J331M CK45FF1H103Z	NP-ELEC 2.2UF 50WV ELECTRO 1.0UF 50WV ELECTRO 330UF 6.3WV CERAMIC 0.010UF Z		

× New Parts

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Teile ohne Parts No. werden nicht geliefert.

Ref. No.	Address	New	Parts	No.		5	escription		Desti- Re- nation marks
参照番号	位置	-		養 号		B 4	3 名/規	格	仕 向備考
C36 C37 C38 C39 C40			CF92FV1H CF92FV1H CF92FV1H CF92FV1H CF92FV1H	472J 473J 154J	MF MF MF MF		0.015UF 4700PF 0.047UF 0.15UF 0.018UF	J J J	
C41 C42 ,43 C44 C45 C46			CE04KWOJ CK45FF1H CF92FV1H CE04KW1A CF92FV1H	103Z 104J 470M	ELECTRO CERAMIC MF ELECTRO MF		330UF 0.010UF 0.10UF 47UF 0.10UF	6.3WV Z J 10WV J	,
C47 C48 C49 C50 C51			CE04KW1A CF92FV1H CE04KW1C CK45FF1H C91-0769	104J 222M 103Z	ELECTRO MF ELECTRO CERAMIC CERAMIC		47UF 0.10UF 2200UF 0.010UF 0.01UF	10WV J 16WV Z K	
C52 C53 ,54 C55 C56 C57		*	CE04KWOJ CK45FF1H CE04KWOJ CF92FV1H C90-1838	103Z 471M 104J	ELECTRO CERAMIC ELECTRO MF ELECTRO		470UF 0.010UF 470UF 0.10UF 15000UF	6.3WV Z 6.3WV J 16WV	
C58 C59 C60 C61 C62			CK45FF1H CK45F1H1 CE04KW0J CE04KW1C CE04KW1C	03Z 471M 222M	CERAMIC CERAMIC ELECTRO ELECTRO ELECTRO		0.010UF 0.010UF 470UF 2200UF 100UF	Z Z 6.3WV 16WV 16WV	
C63 ,64 C65 C66 C67 C68			CK45FF1H CE04KW1C CE04KW1A CC45FSL1 CE04KW1A	222M 470M H101J	CERAMIC ELECTRO ELECTRO CERAMIC ELECTRO		0.010UF 2200UF 47UF 100PF 47UF	Z 16WV 10WV J 10WV	
C69 C70 C71 C72 C73			CF92FV1H CE04KW1A CF92FV1H CE04KW1A CE04KW1A	221M 104J 470M	MF ELECTRO MF ELECTRO ELECTRO		0.10UF 220UF 0.10UF 47UF 220UF	J 10WV J 10WV	
C74 C75 -79 C80 ,81 C82 C83			CC45FSL1 CE04KW1A CE04KW1C CF92FV1H CK45FF1H	470M 101M 334J	CERAMIC ELECTRO ELECTRO MF CERAMIC		100PF 47UF 100UF 0.33UF 0.010UF	J 10WV 16WV J Z	
C84 C85 -88 C89 C101,102 C103			CEO4KW1A CF92FV1H CF92FV1H CK45FF1H CEO4KWOJ	104J 122J 103Z	ELECTRO MF MF CERAMIC ELECTRO		47UF 0.10UF 1200PF 0.010UF 470UF	10WV J J Z 6.3WV	
C104 C105 C106 C107-109 C110			CE04KW1C CK45FF1H CE04KW1H CK45FF1H CE04KW1H	1032 470M 1032	ELECTRO CERAMIC ELECTRO CERAMIC ELECTRO		33UF 0.010UF 47UF 0.010UF 1.0UF	16WV Z 50WV Z 50WV	
C111 C112,113 C114 C115 C116			CK45FF1H CE04KW0J CK45FF1H CC45FSL1 CC45FSL1	331M 1032 H100D.	CERAMIC CERAMIC CERAMIC CERAMIC		0.010UF 330UF 0.010UF 10PF 27PF	Z 6.3WV 2 D J	

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Ref.	No.	Address	New Parts	Parts N	lo.		Des	cription		Desti-	Re-
参照	善号	位置	F	* 4	号	*	4	名/規	格	nation 仕 南	mark 着考
C117				CF92FV1H10		MF		1000PF	J		
C118 C119				CK45FF1H10		CERAMIC		0.010UF	Z		
C120				CEO4KWOJ33 CK45FF1H10		CERAMIC		330UF 0.010UF	6.3WV Z		1
C121,	122			CF92FV1H10		MF		0.010UF	Ĵ		
C123				CEO4KWOJ33	1 M	ELECTRO		330UF	6.3WV		
C124,	125			CK45FF1H10		CERAMIC		0.010UF	Z		
C126				CEO4KWOJ33		ELECTRO		330UF	6.3WV	1	
C127- C130	129			CK45FF1H10 CF92FV1H33		CERAMIC MF		0.010UF 0.33UF	Z J		
C131				CK45FF1H10	32.	CERAMIC		0.010UF	Z		
C132				CEO4KW0J33		ELECTRO		330UF	6.3WV	1	1
C133		1		CF92FV1H47		MF		0.47UF	J		1
C134 C135				CF92FV1H10 CF92FV1H10		MF MF		1000PF 0.010UF	J J		
C136 C137				CK45FF1H10 CE04KW0J33		CERAMIC ELECTRO		0.010UF 330UF	Z 6.3WV		
C138				CC45FCH1H4		CERAMIC		47PF	J		1
C139			1	CK45FF1H10		CERAMIC		0.010UF	Ž	1	1
C140				CEO4KW0J33	111	ELECTRO		330UF	6.3WV		
C141				CK45FF1H10		CERAMIC		0.010UF	Z .		
0142 0143				CEO4DW0J10		ELECTRO		1000UF	6.3WV		1
2144		1		CK45FF1H10 CE04KW1A10		CERAMIC ELECTRO		0.010UF 100UF	Z 10WV	1	1
C145,	146			C91-0769-0		CERAMIC		0.01UF	K		
0147,	148			CF92FV1H10	4.3	MF		0.10UF	J		
C149				CK45FF1H10	3Z	CERAMIC	-	0.010UF	Z		1
0150		1		CEO4KWOJ33		ELECTRO		330UF	6.3WV		
0151 0152		ļ		CK45F1H103 CE04KW0J33		CERAMIC		0.010UF 330UF	Z 6.3WV		
0153				CK45F1H103	7	CEDANTO					
2154		ì		CEO4KW1H01		CERAMIC ELECTRO		0.010UF	Z 50WV		l
155		1		CC45FSL1H1		CERAMIC		OPF	D		1
C156				CE04DW1H01		ELECTRO		1.OUF	50WV		
CN2				E10-3901-0	5	FLAT CABLE	CO	NECTOR			l
CN21 CN25		}		E10-1507-0 E10-2703-0		FLAT CABLE					
F1								1D0 ; ON		,,	
F2				F53-0010-0 F53-0022-0		FUSE				YMTE	
F3			*	F53-0007-0		FUSE				K	1
F3			*	F53-0020-0		FUSE				YMTE	
-			*	JL1-0098-0	5	WIRE CLAMP	ER				
L1			*	L39-1301-0		COMBINATIO					
L2 L21			*	L39-1302-0		COMBINATIO					
L21 L22				L40-1091-1 L40-1001-1		SMALL FIXE			1008 87		
XI			*	L77-1188-0		CRYSTAL RE			100H, N/		
X2			*	L78-0280-0	5	RESONATOR					
-				N35-3008-4	6	BINDING HE	AD I	ACHIN S	CREW		
E				N89-3008-4		BINDING HE					
CP1				R90-0805-0	5	MULTI-COMP	1	окхв	J 1/4W	+	
CP2		1 1		R90-0856-0		MULTI-COMP		OKX5	J	1	I

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参照者号	位置	Perts	第 品 看 号	部 品 名/規 格		marks 備考
CP3 R61 R71 R92 R95			R90-0819-05 RD14GB2E1ROJ RD14GB2E1ROJ RD14GB2E27OJ RD14GB2E27OJ	MULTIPLE RESISTOR FL-PROOF RD 1.0 J 1/4W FL-PROOF RD 1.0 J 1/4W FL-PROOF RD 27 J 1/4W FL-PROOF RD 27 J 1/4W		
R110,111 R113 R124 VR1 VR2			RS14KB3D12OJ RS14KB3D4R7J RD14GB2E562J R12-3126-05 R12-6016-05	FL-PROOF RS 12 J 2W FL-PROOF RS 4.7 J 2W FL-PROOF RD 5.6K J 1/4W TRIMMING POT.(10K) TRIMMING POT.(330K)		
VR3 ,4			R12-3126-05	TRIMMING POT. (10K)		
S1			S40-1064-05	PUSH SWITCH		
D1 D2 -6 D7 D7 D8 ,9			184841 S3V20 HZS5.6N(B2) RD5.6ES(B2) HSS104	DIODE DIODE ZENER DIODE ZENER DIODE DIODE		
D8 ,9 D10 ,11 D10 ,11 D12 ,13 D12 ,13			1SS133 HZS5.1N(B) RD5.1ES(B) HZS3.9N(B) RD3.9ES(B)	DIODE ZENER DIODE ZENER DIODE ZENER DIODE ZENER DIODE ZENER DIODE		
D14 D15 D15 D21 -24 D25 ,26			S5566B HSS104 1SS133 S5566B HZS16N(B2)	DIODE DIODE DIODE DIODE ZENER DIODE		
D25 ,26 D27 D27 D28 -32 D28 -32			RD16ES(B2) HZS6.2N(B2) RD6.2ES(B2) HSS104 1SS133	ZENER DIØDE ZENER DIØDE ZENER DIØDE DIØDE DIØDE		
D33 D33 D34 D34 IC1		*	HZS3.3N(B2) RD3.3ES(B2) HSS104 1SS133 HD49212	ZENER DIODE ZENER DIODE DIODE DIODE DIODE TC(DAT SERVO)		
IC2 IC3 ,4 IC5 -7 IC8 ,9 IC10-12			TC74HC4053AP M5223P LM2940CT-5.0 M5223P TA75393S	IC(ANALOG MULTIPLEXER) IC(OP AMP X2) IC(LOW VOLTAGE REGULATOR) IC(OP AMP X2) IC(COMPARATOR X2)		
IC13,14 IC21 IC22 IC23 IC24		* * *	LB1644 LM2940CT-5.0 HD49211BFS HM65256BLFP-12 PST529D	IC(MOTOR DRIVER) IC(LOW VOLTAGE REGULATOR) IC(DAT SIGNAL PROCESSOR) IC(MICROPROCESSOR) IC		
IC25 IC26 IC27 IC28 IC29		*	M37450M8-382FP CXD1095Q HM6264LFP15L NJM4565D TC74HCU04AP	IC(MICROPROCESSOR) IC(I/O EXPANDER) IC IC(OP AMP X2) IC(CMOS INVERTER)		
1030			SN74LS624N	IC(VCO)		

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Ref. No.	Address New	Parts No.	Description	Re- marks
参照番号	位置新	部品套号	部品名/規格	備考
IC31 IC32 IC33,34 IC35,36 IC37		TC74HC00AP TC74HC125AP TC74HC125AF TC74HC125AP PST529C	IC(QUAD 2-INPUT NAND GATE) IC IC IC IC IC IC(SYSTEM RESET)	
Q1 -3 Q4 Q4 Q5 Q6		2SC1923(R, 0) 2SA733(A)(Q, P) 2SA933S(Q, R) 2SD1266(Q, P) DTC124ES	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR DIGITAL TRANSISTOR	
97 97 98 99 910		2SC1740S(Q,R) 2SC945(A)(Q,P) 2SB772(Q,P) DTC124ES 2SC1740S(Q,R)	TRANSISTOR TRANSISTOR TRANSISTOR DIGITAL TRANSISTOR TRANSISTOR	
Q10 Q11 Q12 Q12 Q14		2SC945(A)(Q,P) 2SB772(Q,P) 2SA733(A)(Q,P) 2SA933S(Q,R) 2SB772(Q,P)	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	
Q15 Q16 Q17 ,18 Q19 Q20		DTC124ES 2SB772(Q,P) DTC124ES DTA124ES 2SD1266(Q,P)	DIGITAL TRANSISTOR TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR TRANSISTOR	
921 922 941 942 943 ,44		2SD882(Q,P) DTA124ES 2SB941(Q,P) 2SK246(Y,GR) DTC124ES	TRANSISTOR DIGITAL TRANSISTOR TRANSISTOR FET DIGITAL TRANSISTOR	
			(X32-1880-00)	
C1 ,2 C3 C4 C5 C6 ,7		CE04KW1E222M CE04KW1H100M CE04KW1A101M CE04KW1H100M CE04KW1C331M	ELECTR® 2200UF 25WV ELECTR® 10UF 50WV ELECTR® 100UF 10WV ELECTR® 10UF 50WV ELECTR® 330UF 16WV	
C8 C9 C10 C11 C12		CE04KW1H100M CE04KW1A101M CE04KW1C331M CE04KW0J221M CE04KW1C101M	ELECTRO 10UF 50WV ELECTRO 100UF 10WV ELECTRO 330UF 16WV ELECTRO 220UF 6.3WV ELECTRO 100UF 16WV	
C13 C14 ,15 C16 C19 C22		CE04KW1H4R7M CE04KW1H010M CF92FV1H121K CF92FV1H121K CE04KW1H010M	ELECTRO 4.7UF 50WV ELECTRO 1.0UF 50WV MF 120PF K MF 120PF K ELECTRO 1.0UF 50WV	
C23 C26 C29 C30 C33		CF92FV1H121K CF92FV1H121K CE04KW1H010M CF92FV1H121K CF92FV1H121K	MF 120PF K MF 120PF K ELECTRO 1.0UF 50WV MF 120PF K MF 120PF K	
C38 <i>C39 -41</i> V42 C43		CE04DW1A101M CF92FVJH274J CF92FV1H160J CF92FV1H103J	ELECTRO 100UF 10WV CERANIC 10PF J MF 0.010UF J	

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参照者号		Si .	# 4	# 5	**	A	名/規	格	t 向	
C44 C45 C46 C47 C48			CC45FUJ1 CC45FUJ1 CC45FSL1 CF92FV1H CC45FSL1	H100D H101J 102J	CERAMIC CERAMIC CERAMIC MF CERAMIC		39PF 10PF 100PF 1000PF 1000PF	J D J J		
C49 C50 C51 C52 C53			CF92FV1H CE04KW1A CE04KW1C CE04KW1C CF92FV1H	101M 101M 330M	MF ELECTRO ELECTRO ELECTRO MF		0.022UF 100UF 100UF 33UF 0.010UF	J 10WV 16WV 16WV J		
C54 C55 C56 C57 C58			CE04KW1C CF92FV1H CE04KW1A CE04KW1A CF92FV1H	103J 221M 101M	ELECTRO MF ELECTRO ELECTRO MF		100UF 0.010UF 220UF 100UF 1000PF	16WV J 10WV 10WV J		
C59 C60 C61 C62 -66 C67		*	CF92FV1H C90-1877 CF92FV1H CF92FV1H C90-1877	-05 103J 334J	MF ELECTRO MF MF ELECTRO		0.33UF 100UF 0.010UF 0.33UF 100UF	J 6.3WV J J 6.3WV		
C68 C69 C70 C71 -74 C75 ,76			CF92FV1H CE04KW1A CF92FV1H CE04KW1C CF92FV1H	101M 103J 101M	MF ELECTRO MF ELECTRO MF		1000PF 100UF 0.010UF 100UF 560PF	J 10WV J 16WV J		
C77 -80 C81 ,82 C83 ,84 C85 ,86 C87 ,88			CF92FV1H CF92FV1H CF92FV1H CF92FV1H CF92FV1H	332J 103J 331K	MF MF MF MF MF		390PF 3300PF 0.010UF 330PF 0.018UF	K J K J		
C89 ,90 C91 ,92 C93 ,94 C95 -100 C101			CF92FV1H C90-1333 CF92FV1H CF92FV1H CE04KW1C	-05 103J 102J	MF NP-ELEC MF MF ELECTRO		0.010UF 22UF 0.010UF 1000PF 100UF	J 10WV J J 16WV		
C103 C104 C105,106 C107,108 C109,110			CE04KW1A CE04KW0J C90-1333 CE04KW1C CF92FV1H	221M -05 101M	ELECTRO ELECTRO NP-ELEC ELECTRO MF		100UF 220UF 22UF 100UF 330PF	10WV 6.3WV 10WV 16WV K		
C111-115 C116 C117 C118 C119			CF92FV1H CE04KW1H CF92FV1H CF92FV1H CE04KW0J	100M 103J 1391K	MF ELECTRO MF MF ELECTRO		0.010UF 10UF 0.010UF 390PF 330UF	J 50WV J K 6.3WV		
C120 C121 C122 C123 C124			CF92FV1H CE04KW0J CF92FV1H CE04KW0J CF92FV1H	331M 1103J 331M	MF ELECTRO MF ELECTRO MF		0.010UF 330UF 0.010UF 330UF 120PF	J 6.3WV J 6.3WV K		
C125,126 C127 C129 C130 C131			CE04KW1C CE04KW1A CE04KW03 CE04KW1H CE04KW0J	101M 221M 100M	ELECTRO ELECTRO ELECTRO ELECTRO		220UF 100UF 220UF 10UF 220UF	16WV 10WV 6.3WV 50WV 6.3WV		

DX-7030

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参照者号	位置		部 品 名/規 格	仕 向 備考
C133 C134 C135 C136 C137,138		CF92FV1H103J CF92FV1H104J CC45FSL1H470J CE04KW1A470M CE04KW1A101M	MF 0.010UF J MF 0.10UF J CERAMIC 47PF J ELECTRO 470F 10WV ELECTRO 100UF 10WV	
C139-141 C142 C143 C144 C145		CF92FV1H104J CE04KW1A470M CF92FV1H104J CE04KW1V101M CE04KW1C330M	MF 0.10UF J ELECTRO 47UF 10WV MF 0.10UF J ELECTRO 100UF 35WV ELECTRO 33UF 16WV	
C146 C147-150 C151,152 C153,154 C156-158		CF92FV1H104J C90-1333-05 CC45FSL1H390J CE04KW1H220M CF92FV1H104J	MF 0.10UF J NP-ELEC 22UF 10WV CERAMIC 39PF J ELECTRO 22UF 50WV MF 0.10UF J	
C200-203 C204 C205 C206 C207		CF92FV1H103J CE04KW0J221M CF92FV1H104J CE04KW0J221M CE04KW1A101M	MF 0.010UF J ELECTRO 220UF 6.3WV MF 0.10UF J ELECTRO 220UF 6.3WV ELECTRO 100UF 10WV	
C208 C209 C210 C211 C212		CF92FV1H103J CE04KW1E101M CE04KW1A101M CF92FV1H103J CE04KW1A101M	MF 0.010UF J ELECTRO 100UF 25WV ELECTRO 100UF 10WV MF 0.010UF J ELECTRO 100UF 10WV	
C213 C214 C215 C217 C220-223		CE04KW1E101M CC45FSL1H050C CF92FV1H104J CE04KW1H4R7M CF92FV1H103J	ELECTRO 100UF 25WV CERAMIC 5.0PF C MF 0.10UF J ELECTRO 4.7UF 50WV MF 0.010UF J	
C224,225 C226		C90-1333-05 CK45FF1H103Z	NP-ELEC 22UF 10WV CERAMIC 0.010UF Z	
693 694 CN2 E1 E2	1K * * * 1K	E35-0051-05 E35-0052-05 E10-1507-05 E63-0002-05 E63-0012-05	WIRING HARNESS WIRING HARNESS FLAT CABLE CONNECTOR PHONO JACK PHONO JACK	
E3	2Ј	E11-0190-05	PHONE JACK	
-		J61-0088-05	WIRE BAND	
L1 L3 L5 L6 L7	*	L32-0529-05 L40-2291-17 L40-2291-17 L40-1011-17 L40-2291-17	OSCILATING COIL SMALL FIXED INDUCTOR SMALL FIXED INDUCTOR SMALL FIXED INDUCTOR(100UH,K) SMALL FIXED INDUCTOR	
L8 L9 L10 ,11 L12 L14	*	L40-1011-17 L40-3381-17 L40-1001-17 L39-0155-05 L40-1011-17	SMALL FIXED INDUCTOR(100UH,K) SMALL FIXED INDUCTOR SMALL FIXED INDUCTOR(10UH,K) MATCHING COIL MATCHING COIL	
L16 L17 -23 L24 L30 -32		L40-1011-17 L92-0021-05 L40-1011-17 L92-0021-05	SMALL FIXED INDUCTOR(100UH,K) FERRITE CORE SMALL FIXED INDUCTOR(100UH,K) FERRITE CORE	

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参照番号	位置	•	市品普号	部品名/規格	備考
L33 X1 X2 X3 X4 ,5		* * *	L92-0028-05 L77-1196-05 L77-1197-05 L77-1198-05 L78-0281-05	FERRITE CORE CRYSTAL RESONATOR CRYSTAL RESONATOR CRYSTAL RESONATOR RESONATOR	
- B			N35-3008-45 N89-3008-45	BINDING HEAD MACHIN SCREW BINDING HEAD TAPTITE SCREW	
R19 R73 ,74 R104-107 R108-111 R112-115			RS14KB3D151J RN14BK2C1211F RN14BK2C1002F RN14BK2C4641F RN14BK2C1962F	FL-PROOF RS 150. J 2W RN 1.21K F 1/6W RN 10.0K F 1/6W RN 4.64K F 1/6W RN 19.6K F 1/6W	
/R1 /R2 /R3	2K 2K 2J	*	R06-4059-05 R06-5185-05 R10-4026-05	POTENTIOMETER(50KX2) POTENTIOMETER(200K X2) POTENTIOMETER	
(1			S51-2095-05	MAGNETIC RELAY	
01 02 ,3 04 ,5 04 ,5			184841 S5566B HZS13N(B2) RD13ES(B2) HZS5.1S(B2)	DIODE DIODE ZENER DIODE ZENER DIODE ZENER DIODE	
06 07 07 08			RD5.1JS(B2) HSS104 1SS133 HZS6.2N(B2) RD6.2ES(B2)	ZENER DIODE DIODE ZENER DIODE ZENER DIODE	
09 09 010 011		x	HZS5.1S(B2) RD5.1JS(B2) KV1350NT HZS13N(B2) RD13ES(B2)	ZENER DIODE ZENER DIODE VARIABLE CAPACITANCE DIODE ZENER DIODE ZENER DIODE -	***
D12 D12 D13 D14 D14			HZS5.1S(B2) RD5.1JS(B2) 1SS85 HZS13N(B2) RD13ES(B2)	ZENER DIODE ZENER DIODE DIODE ZENER DIODE ZENER DIODE	
D15 D15 D16 D17 D17			HZS5.1S(B2) RD5.1JS(B2) 1SS85 HZS13N(B2) RD13ES(B2)	ZENER DIODE ZENER DIODE DIODE ZENER DIODE ZENER DIODE	Andreas Control of the Control of th
D18 D18 D19 D20 ,21 D20 ,21			HZS5.1S(B2) RD5.1JS(B2) 1SS85 HZS5.1S(B2) RD5.1JS(B2)	ZENER DIØDE ZENER DIØDE DIØDE ZENER DIØDE ZENER DIØDE	
D22 D22 D23 -26 D23 -26 D31 -35			HSS104 1SS133 HZS13N(B2) RD13ES(B2) HSS104	DIODE DIODE ZENER DIODE ZENER DIODE DIODE	
D31 -35 IC1			1SS133 NJM4558D	DIODE IC(OP AMP X2)	

E: Scandinavia & Europe K: USA

P: Canada W:Europe

Y: PX(Far East, Hawaii) T: England M: Other Areas

Y: AAFES(Europe) X: Australia

♠ indicates safety critical components.

Parts without Parts No. are not supplied.

Les articles non mentionnes dans le Parts No. ne sont pas fournis.

Telle ohne Parts No. werden nicht geliefert.

Ref. No.	Address Ne	w Parts No.	Description		Re-
参展者号	位置		部 品 名/規 格	仕 向	
IC2 IC3 IC4 IC6 IC7		M5220L TC74HC74AP TC74HC139AP TC74HC125AP CX23065A	IC IC IC COUAL D-TYPE FLIP FLOP) IC (DUAL 2-TO-4 LINE DECODER) IC IC IC IC		
ICB IC9 IC10 IC11 IC12		NJM4558L TC74HC161AP TC74HC74AP TC74HCU04AP TC74HC125AP	IC(OP AMP X2) IC IC(DUAL D-TYPE FLIP FLOP) IC(CMOS INVERTER) IC		
IC13 IC14 IC15 IC16,17 IC18,19		SM5840EP	IC(RESET FOR 1 BIT DAC) IC(DIGITAL FILTER) IC(D/A CONVERTER) IC(DUAL OP AMP) IC(OP AMP X2)		
IC20 IC20 IC21,22 IC23 IC24	1	AK5326-VP CS5326-KP M5238L NJM4558L TC74HCU04AP	IC(A/D CONVERTER) IC(D/A CONVERTER) IC IC(OP AMP X2) IC(CMOS INVERTER)		
IC25 IC26 IC27 IC28 IC29	1		IC(POWER OP AMP) IC IC IC IC(VOLTAGE REGULATOR/ +5V) IC(VOLTAGE REGULATOR/ -12V)		
IC30 Q1 Q2 Q3 Q4		UPC78L05J 2SD1266 2SB941 2SK170(BL,V) 2SD1266	IC(VOLTAGE REGULATOR/ +5V) TRANSISTOR TRANSISTOR FET TRANSISTOR		
95 96 97 98 98		2SK170(BL,V) 2SD1266 2SK170(BL,V) 2SA733(A)(Q,P) 2SA9335(Q,R)	FET TRANSISTOR FET TRANSISTOR TRANSISTOR		
9 ,10 9 ,10 911 914 ,15 914 ,15		2SC1740S(Q,R) 2SC945(A)(Q,P) 2SK241(GR) 2SC1740S(Q,R) 2SC945(A)(Q,P)	TRANSISTOR TRANSISTOR FET TRANSISTOR TRANSISTOR		
216 219 ,20 219 ,20 221 224		2SK241(GR) 2SC1740S(Q,R) 2SC945(A)(Q,P) 2SK241(GR) 2SC1923(R,0)	FET TRANSISTOR TRANSISTOR FET TRANSISTOR		
925 926 926 927 -30 931		2SK241 2SA733(A)(Q,P) 2SA933S(Q,R) DTC124ES 2SA733(A)(Q,P)	FET TRANSISTOR TRANSISTOR DIGITAL TRANSISTOR TRANSISTOR		
931 932 -35 936 138 ,39		2SA933S(Q,R) 2SC2878(B) 2SK170(BL,V) 2SK170(BL,V)	TRANSISTOR TRANSISTOR FET TRANSISTOR DIGITAL TRANSISTOR		

* New Parts

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Les articles non mentionnes dans le Parts No. ne sont pas fournis.

Telle ohne Parts No. werden nicht geliefert.

Ref. No.	Address	New Parts	Parts No.	Description		Re
参照番号	位置	*	* * * *	部 品 名/規 格		#1
40			2SC3940A	TRANSISTOR TRANSISTOR		
041 042			2SA1534A 2SK170(BL,V)	TRANSISTOR FET		
43 ,44			2SC2878(B)	TRANSISTOR Digital Transistor		
145 -47			DTC124ES			
248 249 -51			2SK163(N) 2SK241(GR)	FET FET		
	1					
A1 A2	1 K 1 K		W02-1044-05 W02-1047-05	TRANSMITTING ASSY ELECTRIC CIRCUIT MODULE		
	1.7	-		И (D40-0954-05)		
30	3F	*	D03-0289-08	REEL DISC ASSY		T
31 32	1H 1C	*	D03-0290-08	REEL DISC ASSY		
33	2C	*	D10-3156-08	SLIDER		
34	2H	*	D10-3157-08	SLIDER		
35	2H	*	D10-3158-08	SLIDER	1	
36 40	1 G 2 E	*	D10-3159-08 D10-3161-08	SLIDER SLIDER		
41	2E	*	D10-3162-08	SLIDER		
42	2G	*	D10-3164-08	LEVER		
43	2H 2H	*	D10-3165-08 D10-3166-08	ARM		
45	1G	*	D10-3167-08	ARM		
46 47	1G 3E	*	D10-3168-08	ARM		
48 49	2D 2D	*	D10-3170-08	ARM		
50	2H	*	D10-3172-08	ARM ASSY		
53 54	1F 1G	*	D10-3173-08	ARM ASSY		
55 56	1G 2F	*	D10-3175-08	ARM ASSY	1	
57 58	2E 2D	*	D10-3177-08 D10-3178-08	ARM ASSY		
61	3B	*	D13-0934-08	WORM		
62	10,30	*	D13-0935-08	GEAR		
63	3D	*	D13-0936-08	GEAR		
64 65	3B 3C	*	D13-0937-08	LACK		
66	2H	*	D13-0946-08	GEAR		1
67	2H	*	D13-0947-08	GEAR		
68	3B	*	D13-0948-08	GEAR GEAR		
69 70	3B 3B	*	D13-0949-08	GEAR		
71	1C	*	D13-0951-08	GEAR		
72	2F	*	D14-0336-08	ROLLER		
73 74	2F 1F,2F	*	D14-0337-08 D15-0318-08	ROLLER ASSY PULLEY		
75	3H	*	D14-0335-08	CAPSTAN ASSY		
76	3B	*	D15-0319-08	PULLEY		
77	10,30	*	D15-0320-08	PULLEY		
78 79	3F 3B	*	D16-0319-08	BELT	1	
80	2D	*	D16-0321-08	BELT		1

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BB

CC

DD

EE

JJ

KK

99

127

128

129

130

135

136

137

138

139

142

143

145

IC101,102

IC201,202

T101-103

T201-203

Q1 -3

3D

3D

3D

1 F

3H

2₿

3G

3E

2B

*

1D,2D | # | T42-0590-08

Parts No.

部品番号

N39-2060-41

N39-2080-41

N78-1740-46

N78-1760-45

N84-2003-45

N84-2003-46

N84-2004-46

N84-2005-46

N09-2836-08

N09-2838-08

N09-2839-08

N09-2841-08

N09-2842-08

N09-2843-08

N19-1264-08

N19-1266-08

N19-1267-08

N19-1268-08

562-0006-08

564-0002-08

S68-0001-08

T35-0005-08

T42-0588-08

* S64-0003-08

* T42-0589-08

* T94-0223-08

* W02-1067-08

* W02-1073-08 2A,3B * W02-1074-08

* W02-1080-08

* HA12133MP

TA7745F

* 2SC2412(KR)

UPC358

* 2SA1314-B

* 2SC1314-B

* N09-2837-08

* N09-2840-08

* N14-0192-08

* N19-1263-08

* N19-1265-08

Description

部 品 名/規 格

PAN HEAD MACHINE SCREW 2.0X6

PAN HEAD MACHINE SCREW 2.0X8

PAN HEAD MACHINE SCREW 1.7X4

PAN HEAD MACHINE SCREW 1.7X6

PAN HEAD MACHINE SCREW 2.0X3

PAN HEAD MACHINE SCREW 2.0X3

PAN HEAD MACHINE SCREW 2.0X4

PAN HEAD MACHINE SCREW 2.0X5

MACHINE SCREW

HEXAGON NUT

FLAT WASHER

FLAT WASHER

FLAT WASHER

FLAT WASHER

FLAT WASHER

FLAT WASHER

SLIDE SWITCH LEVER SWITCH LEVER SWITCH

PUSH SWITCH

DRUM ASSY

MOTOR ASSY

MOTOR ASSY

MOTOR ASSY

DEW SENSOR

TRANSISTOR

TRANSISTOR

TRANSISTOR

IC

IC(MOTOR DRIVER)

SOLENOID COIL

ELECTRIC CIRCUIT MODULE ELECTRIC CIRCUIT MODULE ELECTRIC CIRCUIT MODULE

位 置

Desti- Renation marks 仕 向僧考

Ref. No.	Address	New Parts	Parts No.	Description	Desti- nation	Re- mark
* * * *	位筐	*	* * * *	部 品 名/規 格	仕 向	
81	2E	*	D16-0322-08	BELT		
82 83	1D 2H,3H	*	D16-0323-08 D19-0266-08	BELT		
85	1Ċ	*	G01-3374-08	EXTENSION SPRING		
86	2H	*	G01-3375-08	COMPRESSION SPRING		
87 88	1H 2F	*	G01-3376-08 G01-3377-08	COMPRESSION SPRING COMPRESSION SPRING		
89	2H	*	G01-3378-08	EXTENSION SPRING		
90	2H	*	G01-3379-08	EXTENSION SPRING		
91 92	1G 1G	*	G01-3380-08 G01-3381-08	EXTENSION SPRING EXTENSION SPRING		l
93	2F	*	G01-3382-08	EXTENSION SPRING EXTENSION SPRING		
94	2F	*	G01-3383-08	EXTENSION SPRING		
95	2E	*	G01-3384-08	EXTENSION SPRING		
96 97	2E 2G	*	G01-3385-08 G01-3386-08	EXTENSION SPRING EXTENSION SPRING		
98	3E	*	G01-3387-08	EXTENSION SPRING		
99	2C	*	G01-3388-08	EXTENSION SPRING		
100 101	2E 2C	*	G01-3389-08	TORSION COIL SPRING		
02	3C	*	G02-0986-08 G02-0987-08	FLAT SPRING ASSY FLAT SPRING ASSY		
03	3D	*	G02-0988-08	FLAT SPRING ASSY		
	2F	*	G01-3412-08	EXTENSION SPRRING	4	
06 07	2F 1D	*	J10-0213-08 J19-3425-08	SLANGE HOLDER		
08	1C, 2D	*	J19-3426-08	HOLDER		1
09 10	3C,2D	*	J19-3427-08 J19-3428-08	HOLDER HOLDER		
						ŀ
11 13	2H 3H	*	J19-3429-08 J21-5735-08	HOLDER HARDWARE FIXTURE		
14	1 G	*	J31-0845-08	COLLAR		
15 16	3F 2F	*	J31-0846-08 J31-0847-08	COLLAR		
17	}					
18	2C 3B	*	J31-0848-08 J69-0078-08	COLLAR RING		
19	38	*	J69-0079-08	RING		
20 21	2E 1F	*	J90-0671-08 J90-0672-08	POLE BASE ASSY POLE BASE ASSY		
22	2F		J90-0673-08	POLE BASE ASSY		
23	3B	*	J99-0502-08	TRAY		
			N19-0298-05	WASHER 1.7X0.25		
			N19-0365-04 N29-0205-04	W POLY C 1.2X0.25 T		
			N29-0205-04	ES 1.5 ZU ES 2.0 ZU		
			N29-0208-04	ES 3.0 ZU		
			N32-2003-46	SLAT HEAD MACHINE SCREW		
		*	N35-2025-46 N38-1416-41	BINDING HEAD MACHINE SCREW PAN HEAD MACHINE SCREW 1.4X1.6		
		*	N38-1720-45	PAN HEAD MACHINE SCREW 1.7X2		
		*	N38-1725-41	PAN HEAD MACHINE SCREW 1.7X2.5		
		*	N38-2020-41	PAN HEAD MACHINE SCREW 2.0X2		
		*	N38-2040-41 N39-1725-45	PAN HEAD MACHINE SCREW 2.0X4 PAN HEAD MACHINE SCREW 1.7X2.5		
)	1 1		N39-2025-45	PAN HEAD MACHINE SCREW 2.0X2.5		

- ∧	indicates	satety	critical	compo

E: Scandinavia & Europe K: USA

W:Europe P: Canada M: Other Areas

Y: PX(Far East, Hawaii) T: England ES(Europe) X: Australia

nents.	Y: AAFE

♠ indicates safety critical components.

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Y: PX(Far East, Hawaii) T: England M: Other Areas X: Australia

Y : AAFES(Europe)

DX-7030

SPECIFICATIONS

[Mechanism / transport system] Type	Total harmonic distortion Less than 0.005% Wow flutter Below measurable limit
Digital audio tape deck with rotating head system	The surable limit
Heads	[Input terminals]
Two rotating heads (sputtered sendust heads)	Line input (analog signal recording)
Motors (6 motors) DD motor (for capstan)	500mV, input impedance 10kΩ
DD motor (for drum)	Digital coaxial input
DC motor (for loading) \times 4	0.2V (P-P), input impedance 75Ω
Tape speed 8.15 mm/s	Digital optical output15dBm ~ -24dBm (660nm)
Recording time 120 minutes (with DR-120 tape)	
Rewind time	[Output terminals]
approx. 40 sec (with 120 minute recorded tape)	Line output (analog signal playback)
	2V RMS, output impedance 1kΩ
[Digital format]	Digital optical output
No. of channels 2 channel stereo	18dBm (wavelength 660nm) rectangular type
Sampling frequency	Headphone output
	20mW (16Ω), stereo standard jack
No. of quantization bits 16bit linear	[General]
	Power consumption 30W
[Electrical characteristics]	External dimensions W: 440mm
Frequency response 2Hz ~ 22kHz	H : 127mm
Signal to noise ratio More than 93dB	D : 370mm
Dynamic range More than 92dB	Weight (net)
	•
Note:	
KENWOOD follows a policy of continuous advancements in developmen	nt. For this reason specifications may be changed without notice

Note:

Component and circuitry are subject to modification to insure best operation under differing local conditions. This manual is based on, the U.S.A. (K) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

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